OIL INDIA LIMITED
(A GOVT. OF INDIA ENTERPRISE)
P.O.DULIAJAN-786602, ASSAM
E-TENDER NOTICE

WORKS CONTRACT

OIL INDIA LIMITED (OIL) invites Bids under Composite bid System from established Civil Engineering firms / contractors through its E-Procurement portal **"https://etender.srm.oilindia.in/irj /portal"** for the following works.

IFB No.	DESCRIPTION OF SERVICE	BID SECURITY	COST OF BID DOCUMENT
CDC2497P27	Construction of G+3 Main Office Building, G+1 Annex Building along with Boundary Wall at Security Department, FHQ, Duliajan including supply of all materials	**₹ 7,52,000/-**	**NIL**
Bid Closing / Opening Date & Time for the above work : 01.09.2026 at 11.00/14.00 Hrs.			
Bidder shall require User ID and Password for online submission of Bid. Bidders without having E-tender Login ID and Password should complete their online registration at least seven (7) days prior to the scheduled bid closing date and time of the tender. For online registration, Bidder may visit the OIL's E-tender site https://etender.srm.oilindia.in/irj/portal. Necessary Login ID & Password will be issued by OIL only after submitting the complete online registration by the Bidder. In the event of late registration/incomplete registration by Bidder, OIL INDIA LIMITED shall not be responsible for late allotment of User ID & Password and request for bid closing date extension on that plea shall not be entertained by Company.			
No physical Bid documents will be issued. The details of IFB can be viewed using "Guest Login" provided in the E-Procurement portal and also in OIL's web site **www.oil-india.com**. The link to OIL's E-Procurement portal has also been provided through OIL's web site www.oil-india.com.			
All corrigenda, addenda, amendments, time extension, clarifications etc. to the tender will be hosted on the OIL's website and in the e-tender portal only and no separate notification shall be issued in the press. Prospective bidders are requested to regularly visit the website and e-portal to keep them updated.			

Civil Engineer-Contracts
For CE-Civil (Contracts) (SH)
For CGM-Contracts (HOD)
Date: 08.08.2026 **For RESIDENT CHIEF EXECUTIVE**

OIL INDIA LIMITED
(A Govt. of India Enterprise)
Contracts Department, Duliajan

WORKS CONTRACT

OIL INDIA LIMITED, a premier Public Sector Enterprise of Govt. of India engaged in drilling and exploration activities for hydrocarbon invites ON-LINE BIDS from experienced and established firms/ contractors meeting the requisite criteria for the following mentioned work under **COMPOSITE BID SYSTEM** through its e-Procurement site:

DESCRIPTION OF WORK/ SERVICE: **Construction of G+3 Main Office Building, G+1 Annex Building along with Boundary Wall at Security Department, FHQ, Duliajan**

INTERNAL ESTIMATED COST: **₹ 15,03,16,717.03**

LOCATION OF WORK: **Security Department, Oil India,Duliajan**

PERIOD OF WORK COMPLETION: **183 Weeks**

BID CLOSING/ OPENING DATE & TIME: **01.09.2026 (11:00 HRS/14:00 HRS)**

BID SECURITY DEPOSIT: **₹ 7,52,000.00 (Rupees Seven Lakh Fifty-Two Thousand only)**

PERFORMANCE SECURITY DEPOSIT: **10 % of Total Contract Cost** (Out of which 2.5% to be submitted as Performance security Deposit and 7.5% shall be kept as retention money from running bill)

Extension of Bid Closing Date: The Company expects the bidders to adhere to the Bid submission end date timeline. Bidders are requested to refrain from seeking extension of "Bid Closing date" and such request for Bid Closing Date extension shall not be entertained by the Company. However, OIL at its discretion may extend the Bid Closing Date due to unforeseen circumstances.

Deadline for Pre-Bid Query: Any clarification/Queries relevant to the tender, if any, must be submitted by bidders within **16.08.2026.** Company will not be liable to respond to any such clarifications/queries for delay beyond **16.08.2026.**

2.0 SUBMISSION OF BID SECURITY:

2.1 The Bid Security is required to protect the Company against the risk of Bidder's conduct, which would warrant forfeiture of the Bid Security, pursuant to sub-clause 2.8.

2.2 All the bids must be accompanied by Bid Security in Original as prescribed under, for the amount as mentioned in the "NIT" of the tender documents:

a. The Bid Security may be submitted in the form of irrevocable Bank Guarantee (as per **Annexure-III**) issued by Nationalized or Scheduled Bank in favour of M/s Oil India Limited and payable at DULIAJAN. The Bank Guarantee must be on Non-Judicial Stamp Paper of requisite value as per Indian Stamp Act purchased in the name of Banker. A duly filled undertaking towards details of the BG (as per **Annexure-V**) must also be submitted along with the scanned copy of BG in the technical bid.

Note: In case the Bidder submits Bid security in the form of Bank Guarantee (BG), the BG must be valid for a minimum of **135 (One Hundred Thirty Five) days** from the original date of bid closing.

b. Alternately Bid Security can also be paid through NEFT / RTGS /Insurance Surety Bond/ Electronic Fund Transfer through Online Payment Gateway of OIL's e-tender portal (subject to credit in OIL's account within prescribed time) to designated account of OIL.

i. Bid Security amount through NEFT or RTGS mode may be deposited on or before bid closing date and time to the following designated OIL's bank account:

Bank Details of Beneficiary: OIL INDIA LIMITED		
a	Bank Name	STATE BANK OF INDIA
b	Branch Name	Duliajan
c	Branch Address	Duliajan, Dist.-Dibrugarh
d	Bank Account No.	**10494832599**
e	Type of Account	Current Account
f	IFSC Code	**SBIN0002053**
g	MICR Code	786002302
h	SWIFT Code	SBININBB479

iii. If the bid security is submitted through NEFT or RTGS mode, details such as UTR No., Tender No., Bidder's name & Deposited Amount etc. must be uploaded with the Unpriced Techno-Commercial Bid documents.

c. **Submission of bid security in the form of Electronic Bank Guarantee (e-BG):**

Bidders/Contractors are advised to submit the e-BG from any of the following banks presently providing facility to issue an e-BG:

Sl. No.	**Bank Name**	**Sl. No.**	**Bank Name**
1	AU Small Finance Bank	18	Indian Bank
2	Axis Bank	19	Indian Overseas Bank
3	Bank of Baroda	20	IndusInd Bank
4	Bank of India	21	Karnataka bank
5	Bank of Maharashtra	22	Karur Vysya Bank
6	Canara Bank	23	Kotak Mahindra Bank
7	Central Bank of India	24	Punjab & Sind Bank
8	City Union Bank	25	Punjab National Bank
9	DBS Bank	26	RBL Bank
10	DCB Bank	27	Standard Chartered
11	Dhanlaxmi Bank	28	State Bank of India
12	Federal Bank	29	South Indian Bank
13	HDFC Bank	30	Tamilnad Mercantile bank Ltd
14	HSBC Bank	31	UCO Bank
15	ICICI Bank	32	Union Bank of India

16	IDBI Bank	33	Yes bank
17	IDFC First Bank		

BENEFICIARY DETAILS FOR ISSUE OF ELECTRONIC BANK GUARANTEE (e-BG)		
A	Name	OIL INDIA LIMITED
B	PAN	AAAC02352C
C	Date of Incorporation	18-02-1959
D	Email ID	gyan_saha@oilindia.in
E	Mobile No	9414030279
F	Local Address	Duliajan, Dibrugarh, Assam- 786602
G	Registered Address	Duliajan, Dibrugarh, Assam- 786602

d. In case of Bidders submitting Bid Security in the form of Bank Guarantee, the original hard copy of Bid Security should reach the office of CGM-CONTRACTS on or before 12.45 p.m. (IST) on the bid closing / opening date otherwise bid will be rejected.

e. Submission of Bid Security in the form of Insurance Surety Bond: In case the Bid Security is submitted in the form of Insurance Surety Bond (as per **ANNEXURE-XVIII**) then the following instructions are to be followed:

i. The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI).

ii. The Company shall be the Creditor, the Bidder shall be the Principal debtor and the Insurance company/Insurer shall be the Surety in respect of the Insurance Surety Bond to be issued by the Insurer.

iii. The Insurance Surety Bond should be on Non-Judicial stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the state(s) where the Insurance Surety Bond is submitted or is to be acted upon or the rate prevailing in State where the Insurance Surety Bond is executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Bidder/Insurer issuing the Insurance Surety Bond.

iv. The expiry date and values should be arrived at in accordance with instructions provided in the “Introduction” of the Tender.

v. The Insurance Surety Bond by bidders will be given from Insurer as specified in the Tender.

vi. A letter from the issuing insurer of the requisite Insurance Surety Bond confirming that the said Insurance Surety Bond / all future communication relating to the Insurance Surety Bond shall be forwarded to the Purchaser at its address as mentioned at "ITB".

vii. Bidder must indicate the full postal address of the Insurer along with the Insurer 's E-mail / Phone from where the Insurance Surety Bond has been issued.

viii. Bidder must indicate Name, Address, Contact number and official Email ID of the Controlling Office of the Surety Issuing Branch or any web portal link, from whom / where the Surety Bond can be got confirmed by the Company.

f. A scanned copy of Bid Security document should also be uploaded along with the Unpriced Techno-Commercial Bid documents.

g. This Bid Security Deposit shall be refunded to all unsuccessful bidders, but is liable to be forfeited in full or part, at Company's discretion, as per Clause No. 2.8 below. Bids without Bid Security Deposit in the manner specified above will be summarily rejected.

h. Bid Security/EMD submitted in the form of Fixed Deposit is not acceptable and will be rejected straightway.

i. No other mode of payment will be accepted by the Company. The Bid Security shall not earn any interest to the bidder from the Company.

Note:

i. Bidders claiming waiver of Bid Security shall upload supporting documents as mentioned in **Para No. 2.12** below along with technical bid.

ii. Any offer not accompanied with the Bid Security shall be treated as invalid and summarily rejected unless the bidder is exempted from submission of Bid Security as per Bid Security Exemption Criteria of this tender and proper proof towards this exemption is submitted by the bidder. Any subsequent deposit of Bid Security after the bid closing date shall not be permitted. Also, adjustment of Bid Security due against the instant tender, against dues from the Company or on any account shall not be permitted.

2.3 Any bid not secured in accordance with sub-clause 2.2 above shall be rejected by the Company as non-responsive.

2.4 The bidders shall extend the validity of the Bid Security suitably, if and when specifically advised by OIL, at the bidder's cost.

2.5 Unsuccessful Bidder's Bid Security will be discharged and / or returned within 30 days after finalization of the Tender.

2.6 Successful Bidder's Bid Security will be discharged and / or returned upon Bidder's furnishing the Performance Security and signing of the contract.

2.7 Bid Security shall not accrue any interest during its period of validity or extended validity.

2.8 The Bid Security may be forfeited:

a. If the bidder withdraws the bid within its original / extended validity.
b. If the bidder modifies / revises their bid suo-moto within its original / extended validity.
c. If the bidder does not accept the contract.
d. If the bidder does not furnish Performance Security Deposit within the stipulated time as per tender / contract.
e. If it is established that the bidder has submitted fraudulent documents or has indulged into corrupt and fraudulent practice, the bid security shall be forfeited after due process in addition to other action against the bidder.

2.9 In case any bidder withdraws their bid during the period of bid validity, Bid Security/Performance Security will be forfeited, and the party shall be debarred as per the prevailing Banning Policy of the Company (OIL).

2.10 A bid shall be rejected straightway if Original Bid Security is not received within the stipulated date & time mentioned in the Tender and / or if the Bid Security validity is shorter than the validity indicated in Tender and / or if the Bid Security amount is lesser than the amount indicated in the Tender.

2.11 The Bank Guarantee issuing bank branch must ensure the following:

The Bank Guarantee issued by the bank must be routed through SFMS platform as per the following details:

(i) MT 760 / MT 760 COV for issuance of bank guarantee.
(ii) MT 760 / MT 767 COV for amendment of bank guarantee.

[Tender Number should reflect in the SFMS text under MT 760 / MT 760 COV]

The above message/intimation shall be sent through SFMS by the BG issuing Bank branch to ICICI Bank, Duliajan Branch, IFS Code – ICIC0000213; SWIFT Code - ICICINBBXXX. Branch Address: ICICI Bank Ltd, Kunja Bhavan, Daily Bazaar, Duliajan, Dibrugarh, Assam – 786602. The Bank details are as under:

Bank Details of Beneficiary		
A	Bank Name	ICICI Bank Ltd.
B	Branch Name	DULIAJAN
C	Branch Address	Kunja Bhavan, Daily Bazaar, Duliajan, Dibrugarh, Assam – 786602
D	IFSC Code	ICIC0000213
E	Unique identifier code (Field 7037)	OIL503988890
F	Company Name	Oil India Limited
H	SWIFT Code	ICICINBBXXX

2.12 **Exemption from submission of bid security:** In case any bidder is exempted from paying the Bid security, they should upload the supporting documents along with their technical bid. The detailed guidelines for exemption of the Bid security are given below. However, such bidders must submit the bid security declaration as per format enclosed in **Annexure-XIV**.

a. Govt. Department & Public Sector Undertaking (PSUs) are exempted from submission of bid security.

Note: The Purchase Preference Policy for MSE bidders shall not be applicable in this tender.

3.0 **SUBMISSION OF PERFORMANCE SECURITY:** Successful bidder has to submit Performance Security amount as mentioned in Covering Letter, **within 30 (Thirty) days** from the date of issue of Letter of Intent/Award (LOI/LOA).

3.1 a. The Performance Security should be submitted in the form of irrevocable Bank Guarantee (as per **Annexure-IV**) issued by Nationalized or Scheduled Bank in favour of M/s Oil India Limited and payable at DULIAJAN. The Bank Guarantee must be on Non-Judicial Stamp Paper of requisite value as per Indian Stamp Act purchased in the name of Banker. A duly filled undertaking towards details of the BG (as per **Annexure-V**) must also be submitted along with the original BG.

b. Alternately, the Performance Security can also be paid through Bank Draft / Cashier's Cheque / Banker's Cheque / Fixed Deposit Receipt (Account OIL INDIA LIMITED) / irrevocable Letter of Credit /Insurance Surety Bond/ NEFT / RTGS / Electronic Fund Transfer (subject to credit in OIL's account within prescribed time) to designated account of OIL.

i. If the Performance Security is submitted in the form of Bank Draft, Banker's Cheque, Cashier's Cheque, Fixed Deposit Receipt or Letter of Credit, the same should be in favour of "Oil India Limited" payable at Duliajan.

ii. Performance Security amount through NEFT or RTGS mode may be deposited in the following designated OIL's bank account:

Bank Details of Beneficiary: OIL INDIA LIMITED		
a	Bank Name	STATE BANK OF INDIA
b	Branch Name	Duliajan
c	Branch Address	Duliajan, Dist.-Dibrugarh
d	Bank Account No.	**10494832599**
e	Type of Account	Current Account
f	IFSC Code	**SBIN0002053**
g	MICR Code	786002302
h	SWIFT Code	SBININBB479

iii. If the Performance security is submitted through NEFT or RTGS mode, the bidder shall submit details such as **UTR No., Contract No., Bidder's name & Deposited Amount etc.**

c. **Submission of performance security in the form of Electronic Bank Guarantee (e-BG):**

Bidders/Contractors are advised to submit the e-BG from any of the following banks presently providing facility to issue an e-BG:

Sl. No.	**Bank Name**	**Sl. No.**	**Bank Name**
1	AU Small Finance Bank	12	IDFC First Bank
2	Axis Bank	13	Indian Bank
3	Bank of Baroda	14	Indian Overseas Bank
4	Bank of India	15	IndusInd Bank
5	Canara Bank	16	Karur Vysya Bank
6	City Union Bank	17	Kotak Mahindra Bank
7	Federal Bank	18	Punjab National Bank
8	HDFC Bank	19	RBL Bank
9	HSBC Bank	20	State Bank of India
10	ICICI Bank	21	South Indian Bank
11	IDBI Bank	22	Yes Bank

BENEFICIARY DETAILS FOR ISSUE OF ELECTRONIC BANK GUARANTEE (e-BG)		
A	Name	OIL INDIA LIMITED

B	PAN	AAAC02352C
C	Date of Incorporation	18-02-1959
D	Email ID	Abhay_Kumar@oilindia.in
E	Mobile No	9480312436
F	Local Address	Duliajan, Dibrugarh, Assam- 786602
G	Registered Address	Duliajan, Dibrugarh, Assam- 786602

d. In case of Bidders submitting Performance Security in the form of Bank Guarantee / Bank Draft / Cashier's Cheque / Banker's Cheque / Fixed Deposit Receipt / Letter of Credit, the original hard copy of Performance Security shall be submitted within the time frame as stipulated in the LOA/LOI.

e. In case of Bidders submitting Performance Security in the form of Fixed/Term Deposit, bidders have to submit a declaration as per the format prescribed in **Annexure-XIII**. Further, the bidder may arrange the confirmation mail regarding issue of fixed deposit with the following details directly from bank's official e-mail id to Oil India's following e-mail id FD_PS@OILINDIA.IN

FD No.	Issue Date	Maturity Date	FD Amount	Beneficiary/ Contractor Name	Whether above FD is pledged in favour of 'Oil India Limited' (Yes/No)	FD amount pledged (in ₹) as per bank's books of accounts	Mode of FD Renewal (Auto Renewal/Auto closure)	Remarks (if any) of the issuing Bank

f. In case the Performance Security is submitted in the form of Insurance Surety Bond (as per **Annexure-XIX**) then the following instructions are to be followed:

i. The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI).

ii. The Company shall be the Creditor, the Bidder shall be the Principal debtor and the Insurance company/Insurer shall be the Surety in respect of the Insurance Surety Bond to be issued by the Insurer.

iii. The Insurance Surety Bond should be on Non-Judicial stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the state(s) where the Insurance Surety Bond is submitted or is to be acted upon or the rate prevailing in State where the Insurance Surety Bond is executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Bidder/Insurer issuing the Insurance Surety Bond.

iv. The expiry date and values should be arrived at in accordance with instructions provided in the "Introduction" of the Tender.

v. The Insurance Surety Bond by bidders will be given from Insurer as specified in the Tender.

vi. A letter from the issuing insurer of the requisite Insurance Surety Bond confirming that the said Insurance Surety Bond / all future communication relating to the Insurance Surety Bond shall be forwarded to the Purchaser at its address as mentioned at "ITB".

vii. Bidder must indicate the full postal address of the Insurer along with the Insurer 's E-mail / Phone from where the Insurance Surety Bond has been issued.

viii. Bidder must indicate Name, Address, Contact number and official Email ID of the Controlling

Office of the Surety Issuing Branch or any web portal link, from whom / where the Surety Bond can be got confirmed by the Company

g. No other mode of payment other than the mode covered under Point Nos. a. & b. will be accepted by the Company.

3.2 Performance Security shall not accrue any interest during its period of validity or extended validity.

3.3 The Bank Guarantee issuing bank branch must ensure the following:
The Bank Guarantee issued by the bank must be routed through SFMS platform as per the following details:

(i) MT 760/MT 760 COV for issuance of bank guarantee.

(ii) MT 760/MT 767 COV for amendment of bank guarantee.

[Contract No. should reflect in the SFMS text under MT 760/MT 760 COV]

The above message/intimation shall be sent through SFMS by the BG issuing Bank branch to ICICI Bank Ltd., Duliajan Branch, IFS Code – ICIC0000213; SWIFT Code - ICICINBBXXX. Branch Address: ICICI Bank Ltd, Kunja Bhavan, Daily Bazaar, Duliajan, Dibrugarh, Assam – 786602. The Bank details are as under:

Bank Details of Beneficiary		
A	Bank Name	ICICI Bank Ltd.
B	Branch Name	DULIAJAN
C	Branch Address	Kunja Bhavan, Daily Bazaar, Duliajan, Dibrugarh, Assam – 786602
D	IFSC Code	ICIC0000213
E	Unique identifier code (Field 7037)	OIL503988890
F	Company Name	Oil India Limited
H	SWIFT Code	ICICINBBXXX

3.4 This Performance Security must be valid for **03 (three) months** after the date of expiry of the defect liability period. In the event of the contract being extended within the provisions of the contract agreement, the contractor will have to extend suitably the validity of the "Security Deposit" for the extended period.

3.5 The Performance Security Deposit will be refunded to the Contractor after defect liability period under the contract (including extension, if any), but a part or whole of which shall be used by the Company in realization of liquidated damages or claims, if any or for adjustment of compensation or loss due to the Company for any reason.

4.0 If the above mentioned closing / opening day of the tender happens to be non-working day due to Bandh / Strike or any other reason, the bids will be received and opened on the following working day at the same time except on Saturdays.

5.0 While submitting responses against the tender in OIL's e-tender portal, bidders must fill up the "Total Bid Value" (under RFx Information > Basic Data > Total Bid Value), taking account of all liabilities including statutory liabilities in their quoted price (excluding PF and GST). A screen shot in this regard is

shown below. The price quoted under the "Total Bid Value" should be within the range of "At Par" to "+10%" of Company's Internal Estimate. Bids with overall quoted price as indicated in the "Total Bid Value" (under RFx Information > Basic Data > Total Bid Value) below "at par" and above "10%" of Company's Internal Estimate will be rejected straightway.

Company shall evaluate the inter-se-ranking of the bidders and conduct Draw of Lots amongst the eligible bidders in case of identical bidding, strictly as per the overall quoted price under the "Total Bid Value" (under RFx Information > Basic Data > Total Bid Value) and awarding of contract shall be done accordingly.

It is the responsibility of the bidder to fill up the "Total Bid Value" (under RFx Information > Basic Data > Total Bid Value) correctly as per the instructions given herein. OIL INDIA LTD accepts no liability of any nature resulting from any calculation error or omissions while filling up the "Total Bid Value" (under RFx Information > Basic Data > Total Bid Value) by the bidders and no claim whatsoever shall be entertained thereof.

In case of identical bidding, Draw of Lots shall be conducted amongst the bidders who have quoted the lowest price (within the permissible percentage) under the "Total Bid Value" tab, to select 7 (seven) numbers of bidders priority-wise. The Technical and Commercial Scrutiny of bids will be carried out for these 7(seven) bidders only for further processing of the tender.

For convenience of the bidders and to improve transparency, the overall rate quoted by the bidders (within the range of "At par" to +10% of the internal estimate) against the tender shall be available for online viewing by all such bidders whose price bids shall be opened. Online view of prices as above shall be available to the bidders only upto 7 (seven) days from the date of price bid opening of the tender.

6.0 All techno-commercial documents are to be submitted as per tender requirement under '**Technical Attachments Tab**" in E-TENDER PORTAL.

7.0 To participate in OIL's E-procurement tender, bidders must have a legally Valid Digital Signature of Class 3 **[Organizational Type]** with Organizations Name along with **Encryption Certificate** as per Indian IT Act from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India (http://www.cca.gov.in). Digital Signature Certificates having "**Organization Name**" field other than **Bidder's Name (i.e. Firm's Name)** are not acceptable.

7.1 The authenticity of above Digital Signature shall be verified through authorized CA after bid opening. If the **Digital Signature Certificate (DSC)** used for signing is not of "**Class -3**" & Organizational type with Organization's name in the name of the bidder i.e. firm, the bid will be rejected.

7.2 Only in case of sole proprietorship firms, Digital Signature Certificates issued in the name of the proprietor is also acceptable provided the bid is submitted in the capacity of a proprietorship firm.

7.3 Bidder is responsible for ensuring the validity of Digital Signature Certificate (DSC) and its proper usage by their employee.

7.4 The bid including all uploaded documents shall be **digitally signed** by duly authorized representative of the bidding company. The DSC used must be of the type as mentioned above.

8.0 Bidders without having E-tender Login ID and Password should complete their online registration at least seven (7) days prior to the scheduled bid closing date and time of the tender. For online registration, Bidder may visit the OIL's E-tender site https://etender.srm.oilindia.in/irj/portal.

8.1 Necessary Login ID & Password will be issued by OIL only after submitting the complete online registration by the Bidder. In the event of late registration/incomplete registration by Bidder, OIL INDIA LIMITED shall not be responsible for late allotment of User ID & Password and request for bid closing date extension on that plea shall not be entertained by Company.

9.0 The Company reserves the right to reject any or all the bids or accept any bid without assigning any reason.

9.1 Bidders must note that in case of any discrepancy or non-compliance to the tender criteria is found in their bids at any stage of tendering prior to the award of contract, such bids shall be rejected straightway. No claims or requests from such bidders shall be entertained thereafter.

10.0 (a) Bidders will be permitted by System to withdraw their bid or make any changes in their bid after the bid has been uploaded by the bidder prior to the Bid Closing date and time as mentioned in the bid. But no changes or withdrawal would be allowed by the system once the due date and time for submission of bids has been reached and bids are opened. Bidders are requested to take note of the above and arrange to submit their bids within the submission deadline to avoid last minute rush/network problems.

(b) No bid can be modified / withdrawn subsequent to the deadline for submission of bids. No Bidder can withdraw his bid within the validity or extended validity of the bid. Withdrawal of any bid within bid validity period will lead to forfeiture of his/her/their Bid Security/Performance Security in full and debarment from participation in future tenders, at the sole discretion of the Company and the period of debarment will be decided as per OIL's banning policy available at OIL's website.

(c) Once a withdrawal letter is received from any bidder, the offer will be treated as withdrawn and no further claim / correspondence will be entertained in this regard.

11.0 The Bid must be valid for 90 (Ninety) days from the actual date of closing of the tender.

12.0 Conditional bids are liable to be rejected at the discretion of the Company.

13.0 The work may be split up amongst more than one contractor at the sole discretion of the Company.

14.0 The bidder may also seek such clarification from this office as are deemed necessary.

15.0 The bidders are required to furnish the composition and status of ownership of the firm in whose name bid documents have been purchased/issued along with one or more of the following documentary evidences (which are applicable to the bidder) in support of the same and scanned copies of the same should be uploaded along with the Un priced bid documents.

15.1 In case of Sole Proprietorship Firm, Copies of Telephone/Electricity/Mobile Bill, PAN card, latest Income Tax Return form indicating therein the name, business and residential address, E-mail and phone numbers of the owner and copies of GST Registration Certificate.

15.2 In case of HUF, Copies of Telephone/Electricity/Mobile Bill, PAN card, latest Income Tax Return form, Family Arrangement indicating therein the name, residential address, E-mail and phone numbers of the owners in general and Karta in particular and copies of GST Registration Certificate.

15.3 In case of Partnership Firm, Copies of Telephone/Electricity/Mobile Bill, PAN card, latest Income Tax Return form indicating therein the name, residential address, E-mails and phone numbers of all the partners (including the Managing Partner), registered partnership agreement/deed and copies of GST Registration Certificate.

15.4 In case of Co-Operative Societies, Copies of Telephone/Electricity/Mobile Bill, PAN card, latest Income Tax Return form indicating therein the name, residential address, E-mails and phone numbers of all the Directors or persons who are at the helm of affairs, registration certificate from Registrar of Co-Operative Societies and copies of GST Registration Certificate.

15.5 In case of Societies registered under the Societies Registration Act, Copies of Telephone/Electricity/Mobile Bill, PAN card, latest Income Tax Return form indicating therein the name, residential address, E-mail and telephone numbers of all the Directors or persons who are at the helm of affairs, registration certificate from the Registrar of the state and copies of GST Registration Certificate.

15.6 In case of Joint Stock Companies registered under the Indian Companies Act, Copies of Telephone/Electricity/Mobile Bill, PAN card, latest Income Tax Return form indicating therein the name, residential address, E-mail and telephone numbers of all the Directors or persons who are at the helm of

affairs, Certificate of Incorporation from the Registrar of Companies, Memorandum and Articles and copies of GST Registration Certificate.

15.7 In case of Trusts registered under the Indian Trust Act, Copies of Telephone/Electricity/Mobile Bill, PAN card, latest Income Tax Return form indicating therein the name, residential address, E-mail and telephone numbers of all the Trustee or persons who are at the helm of affairs, registration certificate from the Registrar of the state, Trust Deed and copies GST Registration Certificate.

NOTE: Point no. 15.1 to 15.7 is not applicable for contractors who are already registered with OIL INDIA LIMITED.

16.0 Wherever applicable, the bidder shall have itself registered under Employees' Provident Fund and Miscellaneous Provisions Act, 1952 and follow the relevant statutory provisions including Rules made there-under concerning contractual workers to be engaged by such bidder. If the bidder does not have P.F. Code number at the time of applying for this tender, then the bidder must apply for the same if the contract is awarded to the bidder. Such bidder shall furnish the Provident Fund code number issued by the appropriate Govt. Authority, within 45 days of signing of contract, to Company (or when advised by Company, after 45 days of signing the contract); and all PF related statutory guidelines shall be adhered to by the bidder.

Bidders who are currently not covered under the Employees' Provident Fund and Miscellaneous Provisions Act, 1952 should submit an Undertaking for the same as prescribed in **Annexure-I** of the Tender Document.

17.0 Before Bidding:

- Bidder(s) are advised to inspect the work site with permission from HOD-Civil or his representative, to assess the nature and extent of work and the conditions under which it will be carried out.

- Bidder(s) should clearly understand all the terms & conditions, criteria, specification etc. of this tender.

18.0 The selected bidder will be required to enter into a formal contract within thirty days from the date of issuance of LOI, which will be based on their bid, i.e. OIL's Standard Form of Contract.

19.0 OIL INDIA LIMITED reserves the right to curtail / enhance the scope of the work stated above or cancel, if required.

20.0 The amount of retention money shall be released after 12 (Twelve) months from the date of completion certified by the concerned department.

21.0 Bidders shall submit a declaration as per **Annexure-XI** that they are neither bankrupt nor undergoing any insolvency resolution process or liquidation or bankruptcy proceeding under any law or no insolvency resolution process or liquidation or bankruptcy proceeding is initiated under any law against them.

22.0 Bidders shall submit a declaration as per **Annexure-XII** confirming that neither the bidder nor any of their allied concerns, partners or associates or directors or proprietors involved in any capacity, are currently put on holiday list/ banning list by OIL debarring them from carrying on business dealings with OIL. Bidders shall also submit a declaration as per **Annexure-XX** that GST registration of bidder is not negative/blacklisted

23.0 Bidders have to submit Proforma For Authorised Signatory as per format prescribed in **Annexure-X**.

24.0 The work shall have to be started within seven days from the date of work order.

25.0 Time Schedule: The time allowed for completing the work will be reckoned from the date of issue of work order. Time is the essence of the Contract and failure on part of the contractor to complete the work within the stipulated time, shall entitle the Company to impose liquidated damages and / or penalty from the contractor as per terms of the Contract.

26.0 The contractor will be required to allow OIL officials to inspect the work site and documents in respect of the workers payment.

27.0 BACKING OUT BY BIDDER: In case any bidder withdraws their bid within the bid validity period, the Bid Security/Performance Security will be forfeited and be debarred from further tendering as per OIL's banning policy available at OIL's website: www.oil-india.com.

28.0 BACKING OUT BY L-1 BIDDER AFTER ISSUE OF LOA/LOI: In case LOA/LOI issued is not accepted by the L1 bidder or the Performance Security is not submitted as per the terms of the contract or the contract is not signed within the time specified in the Bid Document, the Bid Security/Performance Security shall be forfeited and the bidder shall be dealt as per OIL's banning policy available at OIL's website.

29.0 FURNISHING FRAUDULENT INFORMATION/DOCUMENT: If it is found that a Bidder/Contractor has furnished fraudulent document/information, the Bid Security/ Performance Security shall be forfeited and the party shall be debarred as per the OIL's Banning Policy available at OIL's website. **Annexure-VIII must be duly filled in bidder's letter head and upload the scanned copy of the same along with techno-commercial bid.**

30.0 ERRING / DEFAULTING AGENCIES: Erring and defaulting agencies like bidder, contractor, supplier, vendor, service provider will be dealt as per OIL's Banning Policy available in OIL's website: www.oil-india.com.

31.0 Any agency which is put under banning/ suspension/ holiday list as per OIL's Banning Policy are debarred from participating in this tender during the currency of the banning/ suspension/ holiday period. Bids of such agencies if received shall be rejected straightway.

32.0 Bidder(s) must also furnish the followings:

a) NAME OF FIRM :
b) DETAIL POSTAL ADDRESS :
c) MOBILE / TELEPHONE NO :
d) E-MAIL ADDRESS :
e) FAX NO (If available) :
f) CONTACT PERSON :
g) VENDOR CODE :
h) GST Registration Number (If available):

33.0 The tender will be governed by :

a) Covering Letter
b) Bid Evaluation Criteria/ Bid Rejection Criteria (BRC/BEC)
c) Part-I - General Conditions of Contract (GCC)
d) Part-II - Schedule of Work, Unit and Quantity (SOQ)
e) Part-III - Special Conditions of Contract (SCC)
f) Part-IV - Schedule of Company's Plants, Materials and Equipment (SCPME)
g) Part-V - Safety Measures (SM)
h) Part-VI - Integrity Pact (IP)
i) Pro forma
j) Annexures

34.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the bid or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in the rejection of its offer without seeking any clarifications. Offers sent without the requisite value of prescribed Bid Security (if called for in the bid) in original will be rejected straightway.

35.0 Both "TECHNICAL" and "PRICED" Bids should be submitted on-line through OIL's e-Tender Portal up to scheduled bid closing date and time and will be opened on the scheduled bid opening date and time

as mentioned in e-tender portal at Office of the CGM-Contracts (HOD) in presence of authorized representatives of the bidders present, if any.

The Technical Bid should be submitted as per Scope of Work & Technical Specifications along with all technical documents related to the tender and should be uploaded under "Technical Attachment" Tab only. Bidders must note that no price details should be uploaded in "Technical Attachment" Tab Page. Bidders must quote their overall price under the "Total Bid Value" within the range of "at par" to "+10%" of Company's Internal Estimate, taking into account all liabilities including statutory liabilities in their quoted price (excluding PF and GST). Bidder must also upload the Undertaking in respect of quoted price digitally signed under the "Notes and Attachment" Tab in e-tender portal. A screen shot in this regard is shown below. Offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria. In Bid opening, both Technical & Priced Bids will be opened.

Please go through the "**GENERAL GUIDELINES TO BIDDERS" and "VENDOR USER MANUAL (Effective 15.09.19)**" provided in OIL's e-Portal, in detail before uploading the document.

NB: In order to bid for OIL e-tenders all the vendors are required to obtain a legally valid Digital Certificate Class III [Organization] along with Encryption Certificate as per Indian IT Act from the licensed Certifying Authorities (CA) operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. Digital Signature Certificate comes in a pair of Signing/verification and Encryption/decryption certificate. Bidder should have both the Signing/verification and Encryption/Decryption certificate for Signing and encryption, decryption purpose respectively. The driver needs to be installed once, without which the DSC will not be recognized. While participating on e-Tendering the DSC token should be connected to your system.

Encryption certificate is mandatorily required for submission of bid. In case bidder created response with one certificate (using encryption key) and bidder change his Digital Signature Certificate then old certificate (used for encryption) is required in order to decrypt his encrypted response for getting the edit mode of the response. Once decryption is done, bidder may use new DSC certificate for uploading and submission of their offer. It is the sole responsibility of the bidder to keep their DSC certificate properly. In case of loss of the certificate, OIL INDIA LTD is not responsible.

36.0 The Integrity Pact is applicable against this tender: OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide "Part-VI Integrity Pact" of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who sign the bid, i.e., who is duly authorized to sign the bid. Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the bidder shall be rejected straightway. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid.

36.1 In case of a joint venture, all the partners of the joint venture should sign the Integrity Pact.

36.2 In the event of any dispute between the management and the contractor relating to those contracts where Integrity Pact is applicable, in case, both the parties are agreeable, they may try to settle dispute through mediation before the panel of IEMs in a time bound manner. If required, the organizations may adopt any mediation rules for this purpose. In case, the dispute remains unresolved even after mediation by the panel of IEMs, the organization may take further action as per the terms and conditions of the contract.

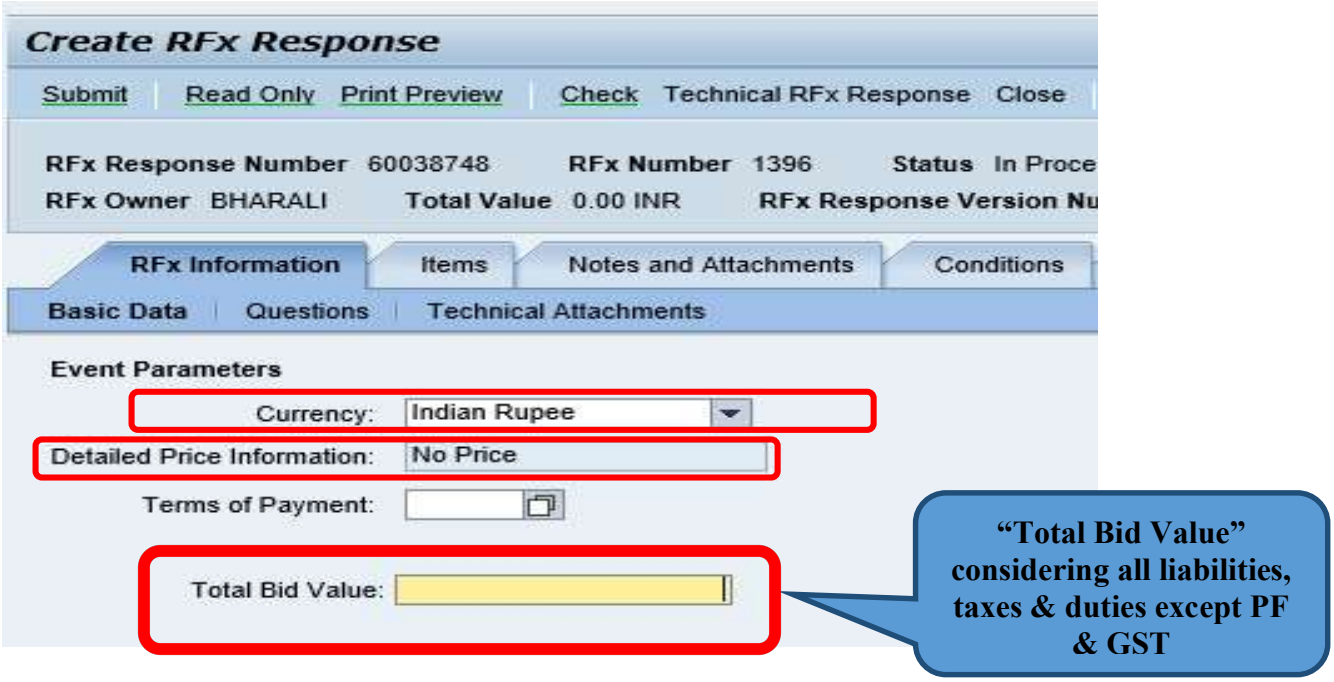
Note: Bidders may contact the Independent External Monitors for any matter relating to the IP at the following addresses:

Shri Radhakrishna Kini A, IPS (Retd.), Ramjaipal nagar Gola Road PS, Rupaspur, Patna - 801503, e-Mail ID: arvkini2004@yahoo.co.in & arvkini2004@gmail.com, Shri Ajit Mohan Sharan, IAS (Retd.), Former Secretary, Ministry of Ayush, Govt. of India, e-mail: ams057@gmail.com and Dr. Ved Prakash, ITS (Retd.),e-mail: ved60prakash@gmail.com have been appointed as Independent External Monitors.

37.0 SCREEN SHOT :

Bidders must fill up the **"Total Bid Value" (under RFx Information > Basic Data > Total Bid Value),** taking account of all liabilities including statutory liabilities in their quoted price (excluding PF and GST).

A. Filling of **"Total Bid Value"** with overall quoted price where Detailed Price Information is "No Price": Under "RFx Information"> "Basic Data"> "Total Bid Value"



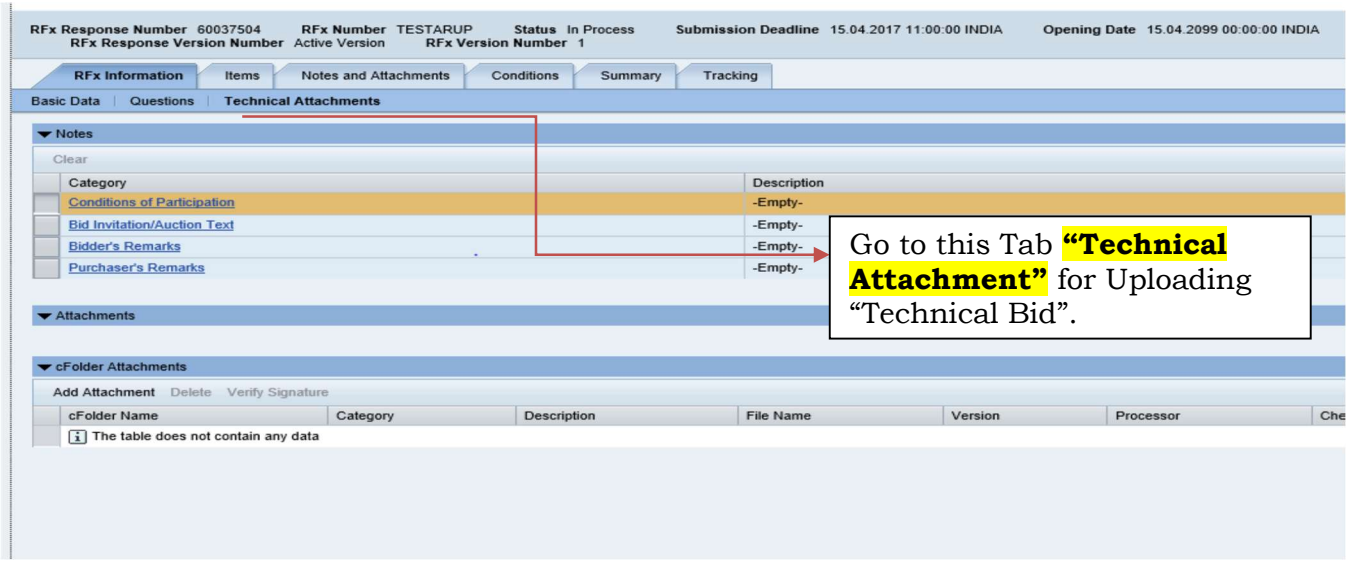
Note: Total Bid Value" is mandatory in "No Price" RFx only

On **"EDIT"** Mode, bidders are advised to upload **"Technical Bid"** and **"Priced Bid"** in the respective places as indicated below:

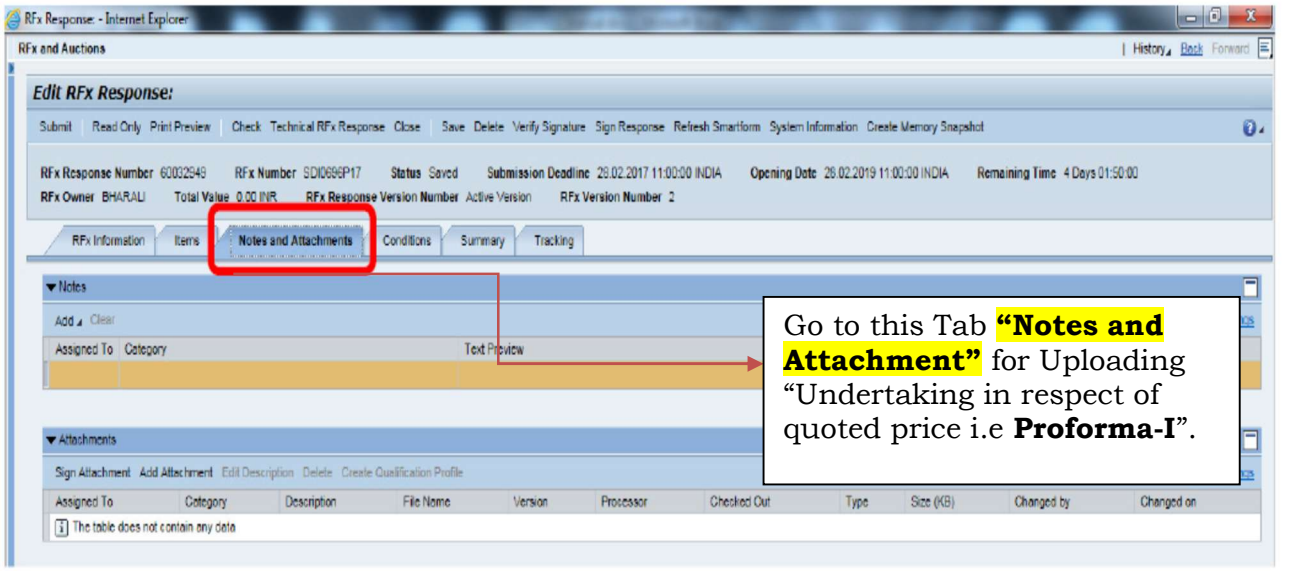
Note:
* The "Technical Bid" shall contain all techno-commercial details **except the prices**.

** The "Priced bid" must contain the price schedule as available in the tender. For uploading Priced Bid, first click on Add Attachment, a browser window will open, select the file from the PC and name the file under Description, Assigned to General Data and click on OK to digitally sign and upload the File. Please click on Save Button of the Response to Save the uploaded files.

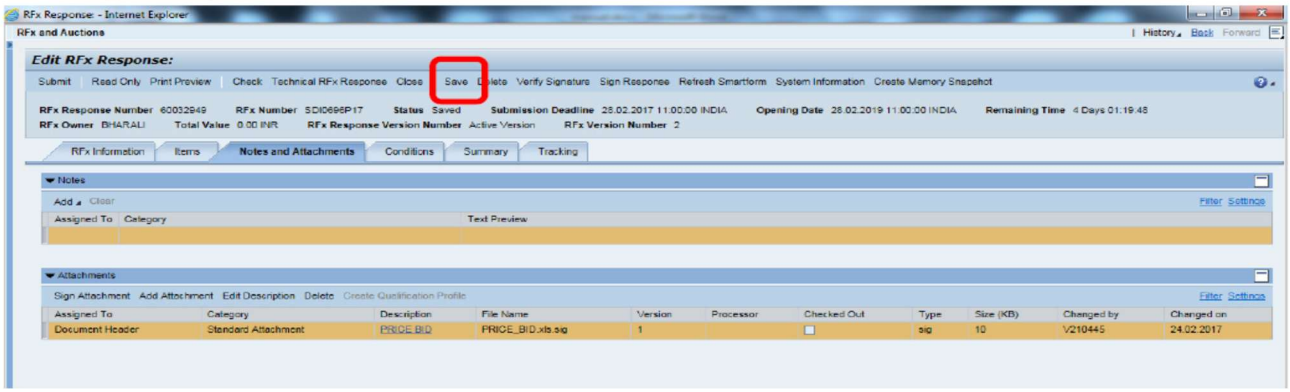
B. Uploading of **Technical Bid:** Technical files to be added under RFX Information >"Technical Attachments"



C. Uploading of **UNDERTAKING IN RESPECT OF QUOTED PRICE :**

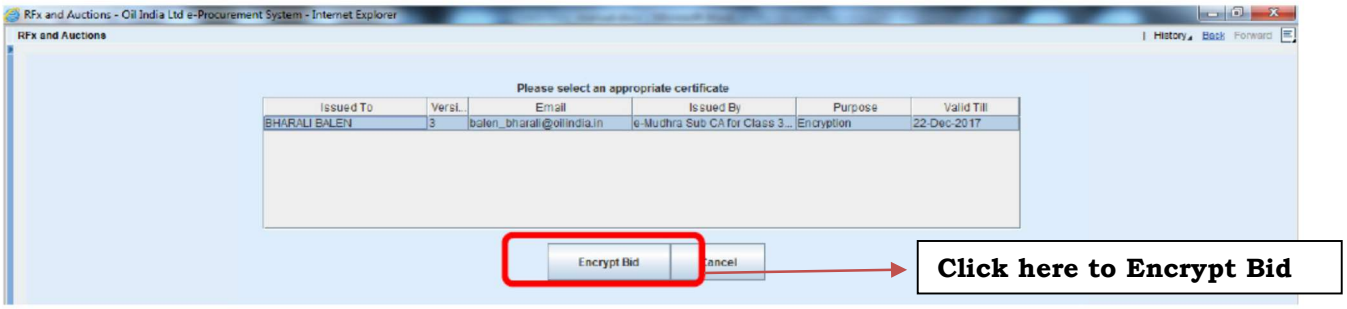


D. After Uploading of **Proforma-I** Click '**Save**'



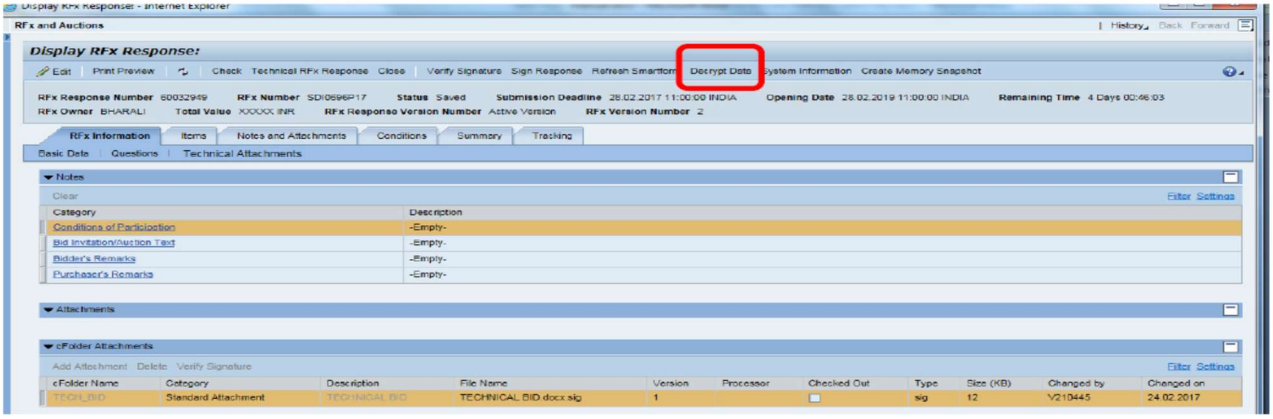
Once Saved ,the Data will be Encrypted & the Encryption Certificate will be in use.

E. Click to select the desired Encryption certificate & Encrypt Bid:

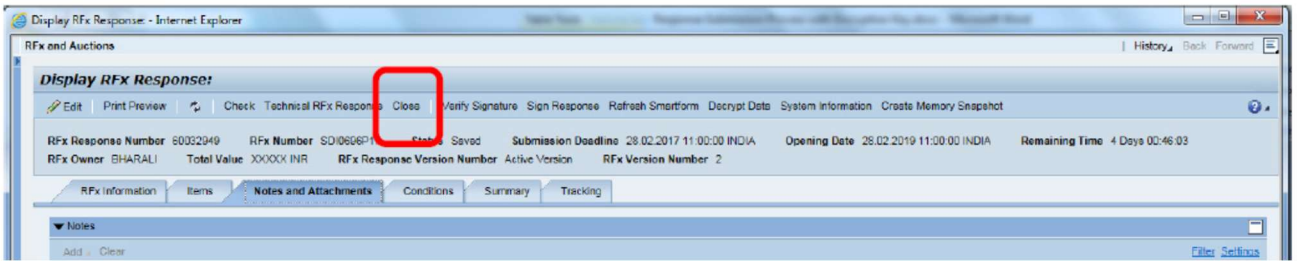


The Encrypted Data will be displayed only when click 'Decrypt data'

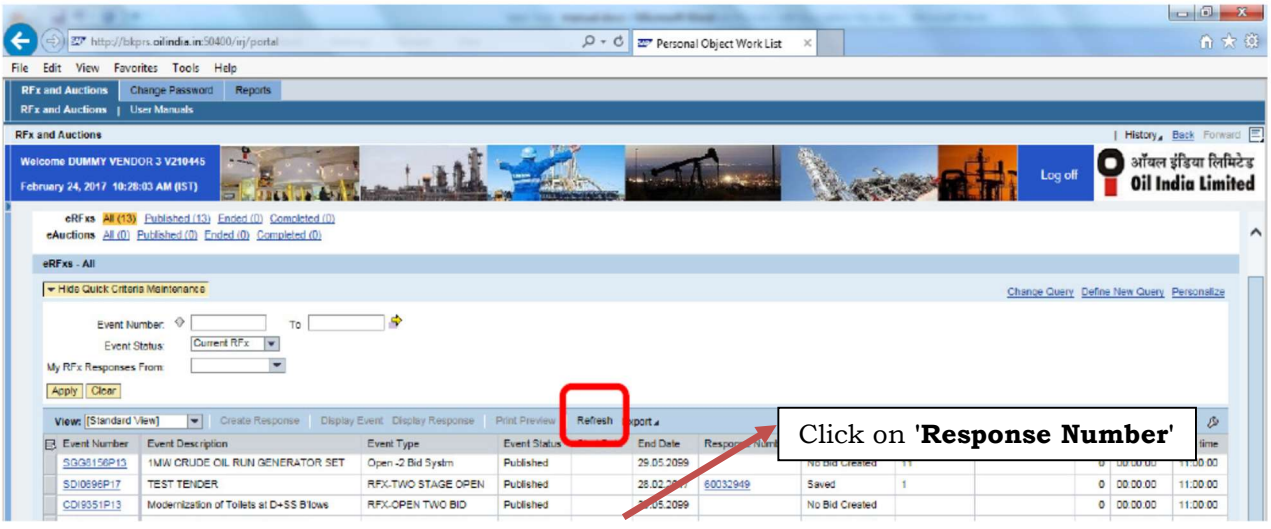
F. The Encrypted Data will be displayed only when click '**Decrypt data**'



G. Click on '**Close**'

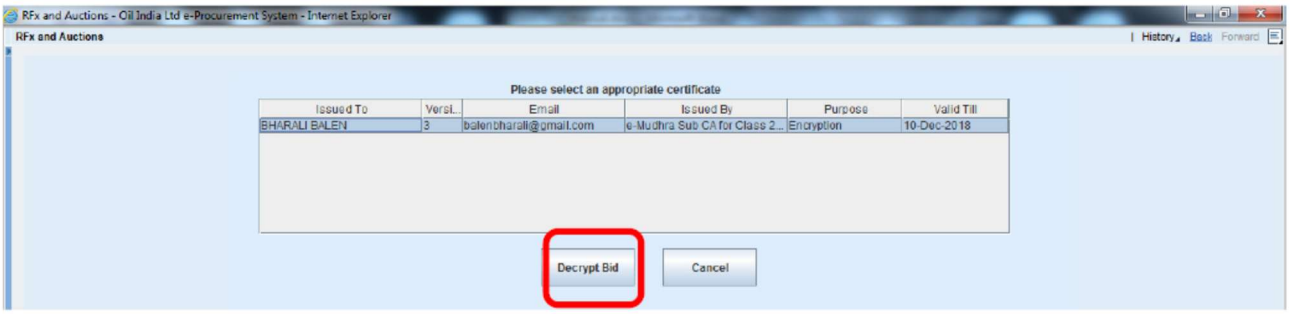


H. Click on '**Refresh**'**.** Then Click on '**Response No.**'

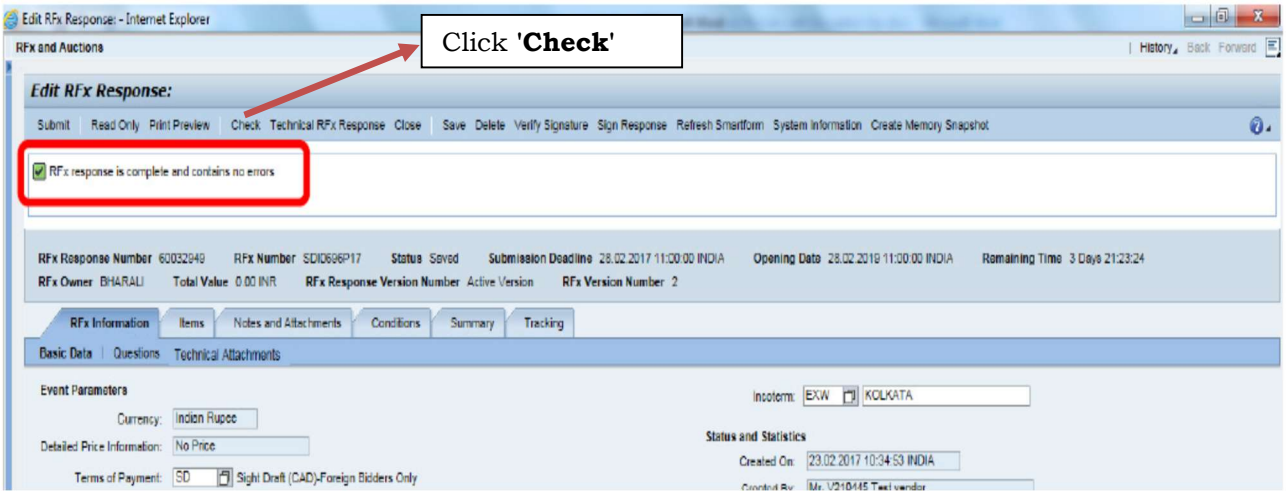


Now Uploading part is complete. Bidders are requested to go to the Initial screen. It is always better to come to the first screen and refresh the page and then going in into the response for the submission process.

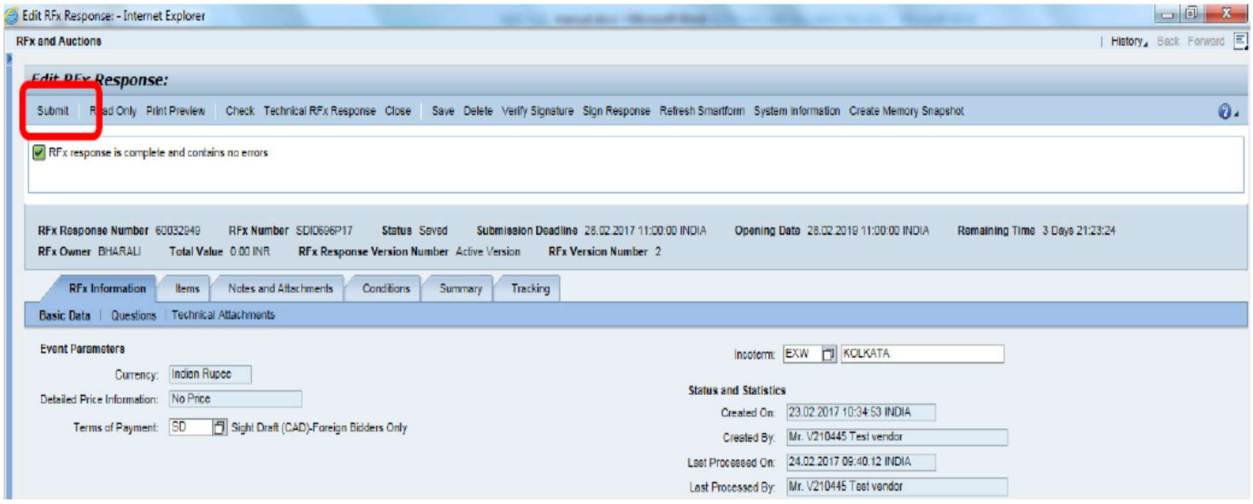
I. On 'Edit' mode Click to select the same Encryption certificate used for De-cryption else data will not Decrypt.



J. After Entering User pin , Click '**Check**'. Bidder may submit the response in case there is no error.

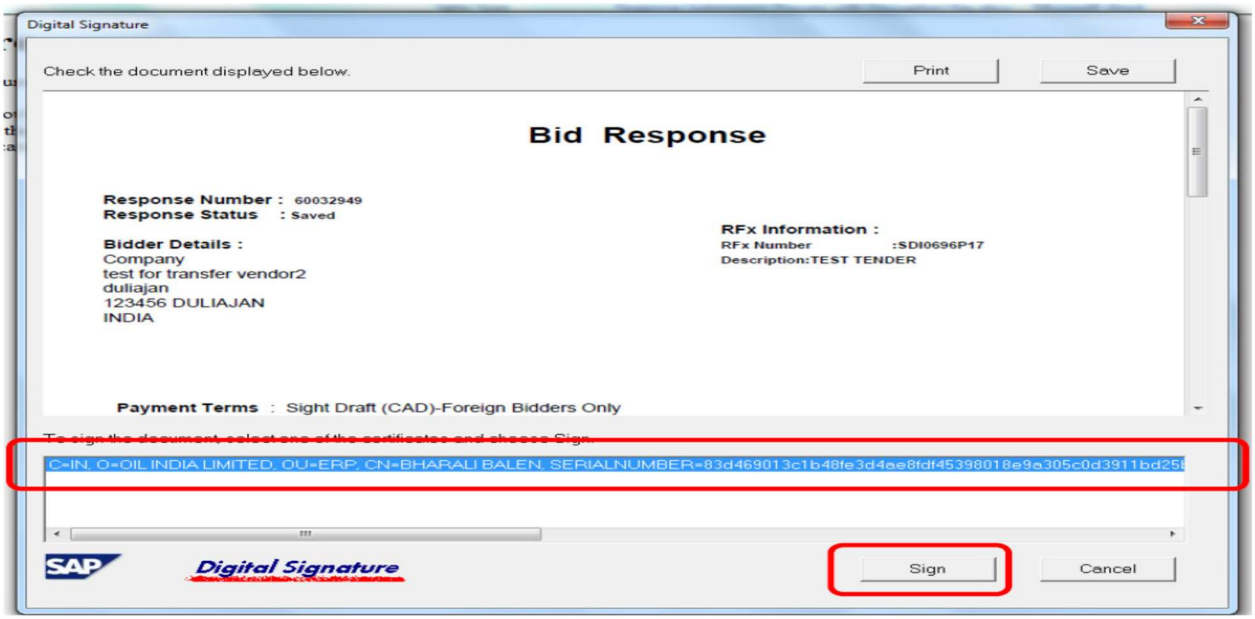


K. Click on '**Submit**' button

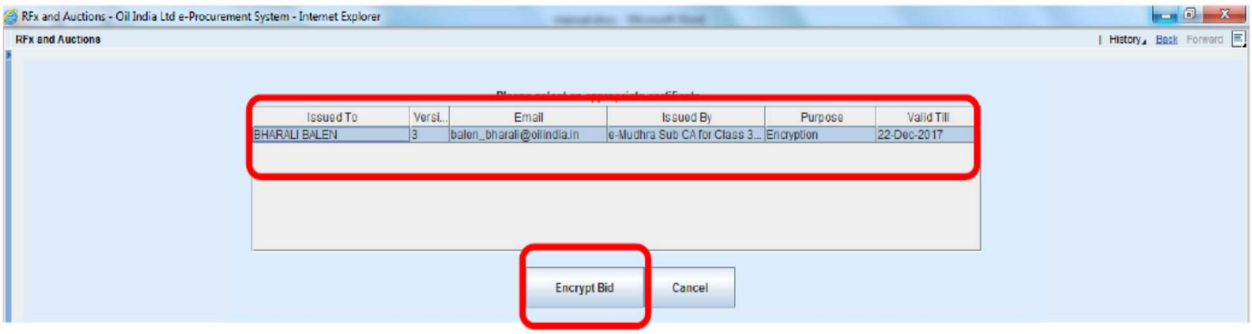


Before submit, Please do check all the documents uploaded and on-line data maintained are correct.

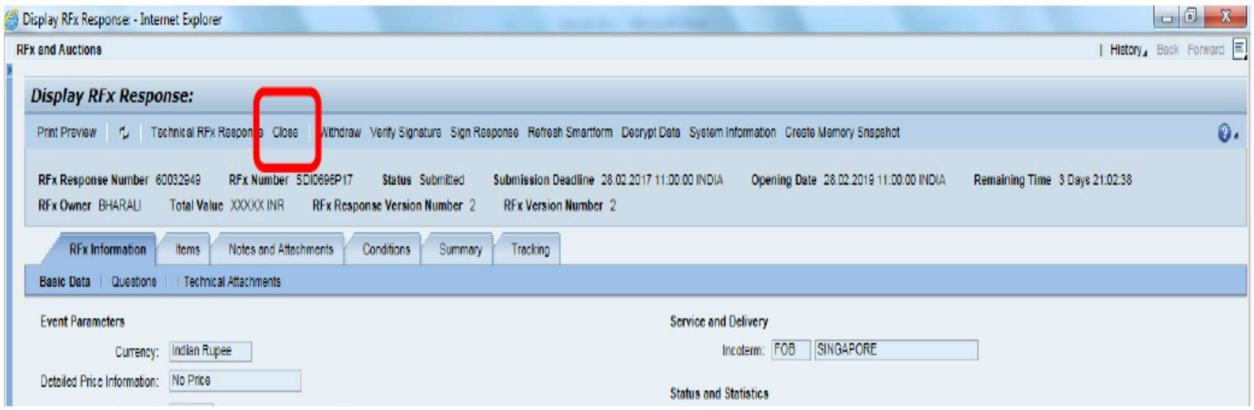
L. After Clicking '**Submit**' below pop up will open. Select Digital Signature & **Sign**.



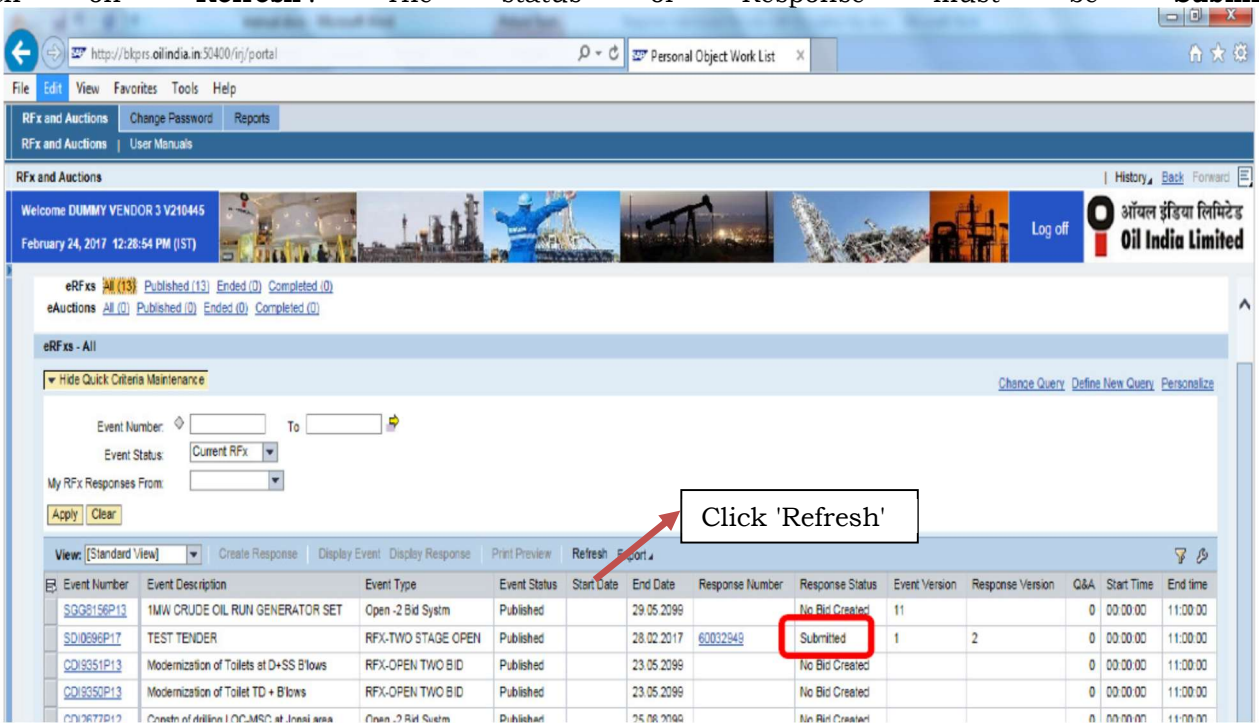
M. After Signing the response has to be encrypted again. Select the encryption certificate and **Encrypt Bid**.



N. Click '**Close**'



O. Click on '**Refresh**'. The status of Response must be '**Submitted**'



This is the end of **Response submission with Encryption key** process.

38.0 OIL now looks forward for your active participation in the tender.

CE-CIVIL(CONTRACTS) (SH)
For CGM-CONTRACTS (HOD)
For RESIDENT CHIEF EXECUTIVE

BID EVALUATION CRITERIA (BEC)/BID REJECTION CRITERIA (BRC)

(A) BID EVALUATION CRITERIA (BEC):

1.0 The bid shall conform generally to the specifications and terms and conditions given in the Tender Documents. Bids will be rejected in case services offered do not conform to the required parameters stipulated in the technical specifications. Not-withstanding the general conformity of the bid to the stipulated specifications, the following mandatory requirements will have to be particularly met by the bidders without which the same will be considered as non-responsive and rejected. All the documents related to **BEC** must be submitted along with the Techno-Commercial Bid.

2.0 Interested bidders shall have to submit the following documents to qualify for the tender:

2.1 Work Experience Criteria

a) The bidder must have successfully executed/completed similar Works under tender over the last 7 (seven) years reckoned from the **Original Bid Closing Date** in Central/State Government/ PSUs/ Nationalised Banks of minimum value of either of the following:

One similar work of value= **₹ 12,02,54,000.00**
OR
Two similar works of value= **₹ 7,51,59,000.00 for each**
OR
Three similar works of value= **₹ 6,01,27,000.00 for each**

b) As a proof of requisite experience of 'SIMILAR Work', bidder shall submit the following documents:

1) Copy of Contract/Letter of Intent/Letter of Award/Letter of Allotment/Work Order issued by the client organization against the contract.

AND

2) Job Completion Certificate should be issued by the Client Organisation in the letter head, duly signed & sealed clearly mentioning the following:

i) Reference Number of Contract/Letter of Intent/Letter of Award/Letter of Allotment/Work Order

ii) Gross value of job done

iii) Nature and detail description of works,

iv) Contracts period /work order period with Completion date of the work issued by Central/State Government/ PSUs/ Nationalized Banks must be submitted along with the bid.

c) Only Letter of Intent (LOI) / Letter of Award (LOA), or Work Order(s) are not acceptable as evidence.

d) Mere award of contract(s) will not be counted towards experience. Successful completion of the awarded contract(s) to the extent of volume & value, as stipulated respectively under above Clauses will only be treated as acceptable experience.

e) In case requisite experience is against OIL's Contract, bidder shall only require to categorically specify OIL's Contract Number and date.

f) A job executed by a bidder for its own organization/subsidiary will not be considered as experience for the purpose of meeting BEC.

Notes to Clause no. 2.1 above:

***Similar work mentioned above means experience in:**

1. Construction of RCC building

2.2 Financial Criteria

a) Annual Financial Turnover of the bidder during **any of preceding three financial / accounting years from the original bid closing date** should be at least **₹ 2,13,57,000.00**

b) **Net worth** of bidder must be positive for preceding financial/ accounting year.

Note: Annual Financial Turnover of the bidder from operations shall mean Aggregate value of the realization of amount made from the sale, supply or distribution of goods or on account of work/services rendered, or both, by the company (i.e., bidding entity, as the case may be) during a financial year as per the Companies Act, 2013 Section 2 (91).

Net worth shall mean the aggregate value of the paid-up share capital and all reserves created out of the profits and securities premium account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the audited Page 42 of 253 balance sheet but does not include reserves created out of revaluation of assets, write-back of depreciation and amalgamation.

c) Considering the time required for preparation of Financial Statements, if the last date of preceding financial/accounting year falls within the preceding six months reckoned from the original bid closing date/ within the due date for furnishing of audit report as per Section 139(1) of IT Act, 1961 (read along with latest circulars/notifications issued by CBDT from time to time) and the Financial Statements of the preceding financial/accounting year are not available with the bidder, then the financial turnover of the previous three financial /accounting years excluding the preceding financial/accounting year will be considered. In such cases, the Net worth of the previous financial/accounting year excluding the preceding financial/accounting year will be considered. However, the bidder has to submit an undertaking in support of the same along with their technical bid as per **Annexure-IX**.

d) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:

i) A certificate issued by a practicing Chartered/ Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in **Annexure-II.**

OR

ii) Financial Statements (Balance Sheet & Profit & Loss account along with all the schedules/notes forming part of the Balance sheet & Profit and Loss Account) audited by the auditors appointed under the statute like Companies Act etc. wherever applicable. In cases where the bidding/ supporting company (as applicable) are not required to prepare Audited Financial Statements as per the Law of the Land of the country of the bidding/supporting company as applicable, the bidder shall provide documentary evidence for the same along with a certificate from a practicing Chartered Accountant or equivalent to this effect. The bidder must also submit the financial statement as per the accounting standards of the country of the bidding/supporting company as the case may be, duly certified by the practicing-chartered accountant or equivalent.

e) Mention of UDIN (Unique Document Identification Number) is mandatory for all certificates, tax audit reports etc. issued by Chartered Accountant as per the notifications issued by the Institutes of Chartered Accountant of India (ICAI). Certificates, audit reports etc. without mentioning of UDIN shall not be considered for evaluation.

f) In case the bidder is Central Govt. organization/ PSU/ State Govt. organization/ Semi-State Govt. Organization or any other Central/ State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder has to provide documentary evidence for the same.

2.3 Electrical Work Experience Criteria

a) The bidder shall have a valid Electrical Contractor's License issued by any State Government **or** Union Territory Electrical Licensing board of India or shall form a collaboration / tie-up / association with an Electrical contractor holding valid Electrical Contractor's License issued by any State Government **or** Union Territory Electrical Licensing board of India for executing the jobs. In support of the above the bidder shall submit a copy of either of the above Electrical Contractor's License.

b) The bidder or their collaborators / associate must have experience in similar work such as internal electrification works in Commercial/Residential/Industrial building/godowns of Central/State Government/ PSUs/ Public Limited Company during the last 7(seven) years reckoned from the original bid closing date in any of the above organizations as listed. The bidder or their collaborators / associate must submit documentary evidences such as Purchase Order copies with invoice/ performance certificate /completion certificate or any other documents which substantiate successful execution of internal electrification works along with their bid.

c) In case of collaboration / association / tie-up with any Electrical firm as mentioned above, the bidder must furnish a copy of MoU entered into with the collaborator / associate towards providing the requisite service as per the terms of the contract.

d) Validity of all certificates/permits/licenses mentioned above shall be reckoned as on the original bid closing date. Also, all certificates/permits/licenses should be renewed as & when necessary to keep it valid throughout the contractual duration.

3.0 Commercial Evaluation Criteria

a) Bids must be valid for minimum **90 (Ninety) days** from the actual date of Bid closing. If bidder does not submit / declare bid validity period, it will be presumed that the bid validity is **90 (Ninety)** days.

b) **Bid Security** must be furnished (except those exempted) as a part of the Techno-Commercial Un-priced Bid. **The amount of bid security should be as specified in the NIT**. Any bid not accompanied by a proper bid security will be rejected straightway.

Note:

(i) In case the Bidder submits Bid security in the form of Bank Guarantee (BG), the BG must be valid for **minimum 135 days** from the original bid closing date.

(ii) In case of extension of Bid closing/ Opening Date, Bid Security validity should be extended suitably by the bidder, as and when advised by OIL.

c) OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Part-VI of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be uploaded by the bidder (along with the Un-priced Techno-Commercial Bid).–Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact have been signed by the bidder's authorized signatory who sign the Bid. Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the bidder shall be rejected straightway.

d) The bidders must have Encryption Certificate along with Digital Signature Certificate (DSC) of **Class 3 [Organization Type]** to upload all the documents. If the **Digital Signature Certificate (DSC)** used for signing is not of "**Class -3**" & Organizational type with Organization's name in the name of the bidder i.e. firm's name, the bid will be rejected.

Note: Only in case of sole proprietorship firms, Digital Signature Certificates issued in the name of the proprietor is also acceptable provided the bid is submitted in the capacity of a proprietorship firm.

e) The Bidder shall submit an undertaking/declaration as per **Annexure-XII** confirming that they have read and understood OIL's banning Policy and that, neither they nor any of their allied concerns or partners or associates or directors, or proprietors involved in any capacity, are currently on OIL's Holiday/Banning List. Further, the bidder shall confirm that neither they nor any of their aforementioned entities have, during the last three years, been involved in any transgression with any company conforming to the Transparency International (TI) approach or with any public Sector Enterprise of India that could justify exclusion from the tender process. The bidder shall also disclose details of all such allied entities, if any, as required under the Banning policy.

f) **Purchase Preference Policy- Linked with Local Content (PP-LC)**

Purchase preference under Public Procurement (Preference to Make in India) Order, 2017 of Department for Promotion of Industry and Internal Trade (DPIIT), Govt. of India as revised vide Order No. P-45021/2/2017-PP (BE-II) dated 16th September 2020 (and as amended time to time) with modifications as notified vide MoPNG Order No.FP20013/2/2017-FP-PNG-Part (4) (E41432) dated 26th April 2022, (including subsequent amendments thereof, if any) shall be applicable in this tender.

Only 'Class-I local supplier' shall be eligible to bid against this tender. 'Class-I local supplier' means a supplier or service provider, whose goods, services or works offered for procurement, has local content equal to or more than 50% as defined under this policy. To establish their status as class-I local supplier, it is mandatory for the bidders to give adequate documentation along with the technical bid as follows:

- The bidder shall provide the percentage of local content through an undertaking in their letterhead as per format prescribed in **Annexure-VI** from the authorised signatory of bidder having the power of Attorney along with the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract.

4.0 The bidders must submit documentary evidence for BEC Clauses 2.1, 2.2 & 2.3 above. All the documents should be legible.

5.0 Non-submission of the documents as specified in all the paragraphs above will result in rejection of bids.

6.0 Price Evaluation Criteria

a) While submitting responses against the tender in e-tender portal, bidders must fill up the "Total Bid Value" (under RFx Information > Basic Data > Total Bid Value), taking account of all liabilities including statutory liabilities in their quoted price (excluding PF and GST). The price quoted under the "Total Bid Value" should be within the range of "At Par" to "+10%" of Company's Internal Estimate. Bids with overall quoted price as indicated in the "Total Bid Value" (under RFx Information > Basic Data > Total Bid Value) below "at par" and above "10%" of Company's Internal Estimate will be rejected straightway.

b) Company shall evaluate the inter-se-ranking of the bidders and conduct Draw of Lots amongst the eligible bidders in case of identical bidding, strictly as per the overall quoted price under the "Total Bid Value" (under RFx Information > Basic Data > Total Bid Value) and awarding of contract shall be done accordingly.

c) It is the responsibility of the bidder to fill up the "Total Bid Value" (under RFx Information > Basic Data > Total Bid Value) correctly as per the instructions given herein. OIL INDIA LTD accepts no

liability of any nature resulting from any calculation error or omissions while filling up the "Total Bid Value" (under RFx Information > Basic Data > Total Bid Value) by the bidders and no claim whatsoever shall be entertained thereof.

Note:

a) The Company's Internal Estimated Rates, as indicated in Part-II, are inclusive of all overheads, taxes, duties, levies etc. except P.F. & GST.

b) Bidder must include all impale plant, labour, supervision, materials, erection of display board, sign/caution board, insurance, profit, taxes and duties, together with all general risks, liabilities in their quoted rates excluding PF and GST.

7.0 The bids conforming to the specifications, terms and conditions stipulated in the tender documents and considered to be responsive will be evaluated as per the procedure mentioned below:

a) Bid will be opened on schedule date & time as specified in the NIT and all the bids where the bidders have quoted the lowest price (within the permissible percentage as per NIT) under the **"Total Bid Value" tab** in e-tender portal will be selected for conducting Draw of Lots (DoL). DoL will be conducted within a short period after Bid Closing Date. In the DoL, 7 (seven) numbers of bidders will be selected first, in the order of B-1 (Bidder-1), B-2 B-3, B-4, B-5, B-6 and B-7. The technical and commercial scrutiny will be carried out for these seven bidders only. If the bid of bidder B-1 is found to be technically and commercially qualified, B-1 will be the successful bidder (Priority-1 bidder) and the contract will be awarded to B-1. If B-1 is not found to be technically & commercially qualified but B-2 is technically and commercially qualified, B-2 will be awarded the contract, ---- and so on; i.e. whoever becomes the first technically qualified bidder in the order of B-1 →B-2→B-3→ B-4→ B-5→ B-6→ B-7, will be the successful bidder (P-1). In this way, P-1 (Priority-1) and P-2 bidders will be selected. The contract will be awarded to the P-1 bidder only. However, in case the bidder P-1 is not able to carry out the job due to any reason, P-2 may be awarded the job, if the same is approved by Company's competent authority. In case, none of these seven bidders are found to be techno-commercially acceptable, the draw of Lot will be again conducted to select 7 more bidders as B-8 to B-14 and similar steps will be followed thereon as explained above. The system of conducting further draw of lots will be followed till a technically acceptable bidder is selected.

8.0 **RESTRICTIONS ON PROCUREMENT FROM A BIDDER OF A COUNTRY WHICH SHARES LAND BORDER WITH INDIA**: Subject to Order No. F. No. 6/18/2019-PPD dated 23.07.2020 issued by Ministry of Finance, Department of Expenditure, Public Procurement Division, Govt. of India, Bidders should take note of the following:

8.1 Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority [Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT)].

8.2 "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

8.3 "Bidder from a country which shares a land border with India" for the purpose of this Order means:

a. An entity incorporated, established or registered in such a country; or

b. A subsidiary of an entity incorporated, established or registered in such a country; or

c. An entity substantially controlled through entities incorporated, established or registered in such a country; or

d. An entity whose beneficial owner is situated in such a country; or

e. An Indian (or other) agent of such an entity; or

f. A natural person who is a citizen of such a country; or

g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

8.4 The beneficial owner for the purpose of para 8.3 above will be as under:

8.4.1 In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation:

a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent. of shares or capital or profits of the company;

b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;

8.4.2 In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;

8.4.3 In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

8.4.4 Where no natural person is identified under (8.4.1) or (8.4.2) or (8.4.3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;

8.4.5 In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

8.5 An Agent is a person employed to do any act for another, or to represent another in dealings with third person.

8.6 The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority. A declaration as per **Annexure-XV** in this respect to be submitted by the bidder.

8.7 **Validity of registration**: In respect of tenders, registration should be valid at the time of submission of bids and at the time of acceptance of bids. In respect of supply otherwise than by tender, registration should be valid at the time of placement of order. If the bidder was validly registered at the time of acceptance/placement of order, registration shall not be a relevant consideration during contract execution.

8.8 The bidders to provide an undertaking as per **Annexure-XVI** along with their bid complying with Clause No. 8.1 above. If such certificate given by a bidder whose bid is accepted is found to be false, this would be a ground for immediate termination and further legal action in accordance with law.

9.0 VERIFICATION AND CERTIFICATION OF DOCUMENTS BY INDEPENDENT THIRD PARTY INSPECTION AGENCIES: (For e-tender above 5 Crore Only) (TPI List to be updated)

9.1 Oil India Limited (OIL) has engaged the following 17 (Seventeen) Independent Inspection Agencies for a period of 04 (Four) years up to 06.06.2028 to verify and certify various documents submitted by the bidders required against BEC/BRC of the tender:

Sl.	Name of Independent Inspection Agency	Contact E-mail ID

No.		
i.	M/s. Alfred H Knight India Private Limited.	a. rkjain@ahkgroup.com b. Pradeep.mathur@ahkgroup.com c. info@ahkgroup.com
ii.	M/s. TUV India Private Limited	a. noida@tuv-nord.com b. mumbai@tuv-nord.com c. salim@tuv-nord.com
iii.	M/s Conformity India International Private Limited	a. mktg@ciindia.in
iv.	M/s Ravi Energic Private Limited	a. baroda@ravienergic.com b. tpia@ravienergic.com
v.	M/s SGS India Private Limited	a. dhaval.vora@sgs.com b. sgs.india@sgs.com
vi.	M/s Assure Quality Management Certification Services Private Limited	a. aqmcs@aqmcs.com
vii.	M/s. ISSPL Limited	a. oilandgas@irclass.org b. industrial_services@irclass.org
viii.	M/s. TÜV Rheinland (India) Pvt. Ltd.	a. Shailesh.deotale@ind.tuv.com b. Kaushal.gohil@ind.tuv.com c. info@ind.tuv.com d. ravi.kumar@ind.tuv.com
ix.	M/s Gulf LIoyds (India) Ltd.	a. contact@gulfllloyds.com b. inspection@gulfllloyds.com
x.	M/s Baltic Testing India Pvt. Ltd.	a. office@balticcontrolindia.com
xi.	M/s Sanmarg Engineering Validation & Assessment	a. Amitra@sanmargeva.com
xii.	M/s Meenar Global Consultants LLP	a. sales@mgellp.in
xiii.	M/s Rites Limited	a. nrinspn@rites.com b. info@rites.com c. sbu.ninsp@rites.com
xiv.	M/s Bureau Veritas (India) Private Limited	a. bvindia.corporate@bureauveritas.com
xv.	M/s TUV SUD South Asia Private Limited	a. Hemant.chavan@tuvsud.com b. Jayashree.rane@tuvsud.com

xvi.	M/s Adornment Engineers India Private Limited	a. jks@adornmentengineers.com
xvii.	M/s TCRC Inspections Pvt. Ltd.	a. admin@tereinspections.com b. ashismallick@teregroup.com c. tenders@teregroup.com

9.2 Bidders are required to have their documents, as mandated under the Bid Evaluation Criteria (BEC) / Bid Rejection Criteria (BRC) of the tender, verified and certified by any one of the empanelled Independent Third-Party Inspection Agencies listed above. The Inspection Certificate, duly issued by the selected agency, must be submitted along with the Technical Bid. All costs related to verification and certification by the Third-Party Inspection Agencies shall be borne solely by the respective bidders. Payments in this regard shall be made directly by the bidders to the Inspection Agencies. OIL shall not be held responsible for any payment-related dispute between the bidders and the inspection agencies.

9.3 The verified and certified documents must be submitted along with the Technical Bid. Any bid submitted with un-verified supporting documents shall not be considered. However, in case a bidder submits its bid along with all relevant supporting documents as per BEC/BRC without getting all/some of them verified by the designated Independent Inspection agency, such bid can be provisionally considered, provided it is accompanied by an **Undertaking by the Bidder on their official letterhead towards submission of the duly verified and certified copies/ Inspection Certificate within 07 (Seven) days from the actual date of bid opening**. No reminders or clarifications will be issued by the Company in this regard, and failure to submit the verified/ certified documents within the stipulated time shall result in outright rejection of the bid , at the sole risk and responsibility of the bidder.

9.4 The methodology of verification/certification of documents followed by the agencies is broadly as under, but not limited to:

(a) It is the sole responsibility of the bidders intending to participate in the tender to thoroughly understand the requirements of the tender, particularly the documents required under BEC/BRC. The bidders must present all relevant documents to any of the empanelled third-party certifying agencies for verification/certification. Neither OIL nor the Inspection Agencies shall be responsible for the selection or appropriateness of the documents submitted for verification. It is entirely the bidder's responsibility to ensure that the appropriate documents are verified/certified in support of BEC/BRC compliance.

(b) The concerned Independent Third-Party Inspection Agencies shall depute their qualified/competent inspector to the Bidder's premises to check the original documents and certify the copies which the bidder shall submit along with their bids. OIL will reserve the right to ask the inspection agencies to verify the documents with source, if required at no extra cost to OIL. Verification/Certification of documents by OIL's empanelled third-party inspection agencies shall not automatically make the bidder techno-commercially-acceptable or eligible for award of contract.

(c) Verification/Certification of documents are normally categorized as under:

i. **General Requirement**:
- Check Bidder's PAN Card
- Check Bidder's GST Certificate
- Check Bidder's Certificate of Incorporation
- Power of Attorney

ii. **Additional Documents : (If applicable against the tender)**
- Bidders general structure and organization
- Joint Ventures Agreements – To cross-check with JV Partners

- Consortium Agreements – To cross-check with Consortium Partners
- Holding/Parent/Subsidiary/Sister Subsidiary/Co-Subsidiary Company – To check the Share Holding pattern, Corporate Guarantee etc.

iii. Technical Criteria

- To check Experience Proof- Completion Certificates, Reference contact verification, Original Work Order/Contract Copy and any other document(s), if called for vide BEC/BRC of the Tender.
- Health, Safety and Environmental Management Policy

iv. Financial Criteria

- Line of credit, if incorporated in the tender.

Notes:

(i) Bidder's self-declared undertakings, Audited Balance Sheet & Profit-loss statement and/or CA certificate having UDIN are not required to be verified by the TPI agency. If any documents, LOI/LOA/Contracts, etc., submitted towards BEC/BRC experience criteria are issued by Oil India Limited, such documents need not be verified by TPI agency.

(ii) Undertaking from TPI Agency as per format (Proforma-XVII) enclosed should be submitted along with the Bid.

(iii) **In case of clarifications sought by OIL against BEC/BRC, supporting documents (historical in nature) to those submitted in the original bid will also have to be verified from the same TPI agency which has originally verified their bid documents. OIL shall categorically mention the documents that are to be submitted with TPI verification in the clarification sought. In case the bidder fails to submit the TPI verified documents as sought by OIL, as part of their clarification, their offer will be liable for rejection**.

10.0 **COMPLIANCE OF THE COMPETITION ACT, 2002**: The bidder shall strictly comply with the provisions of the Competition Act, 2002, more particularly, Section-3 of the Act. Any violation the provisions of the Act shall attract penal action under the Act.

(B) BID REJECTION CRITERIA (BRC):

1.0 The bids are to be submitted in single stage under composite bid system i.e. Un-priced Techno-Commercial Bid and Price Bid together. The overall price should be quoted under the "Total Bid Value" tab in the e-tender portal taking into account all liabilities including statutory liabilities in their quoted price (excluding PF and GST). The bidder must also upload the PROFORMA-I digitally signed without any input/ alteration from their end in the PROFORMA under the "Notes and Attachments" tab.

2.0 Bid security shall be furnished as a part of the Techno Commercial Un-priced Bid. The amount of bid security should be as specified in the NIT. Any bid not accompanied by a proper bid security will be summarily rejected.

3.0 Bid Documents / User Id & Password for OIL's E-Tender portal are not transferable.

4.0 Any bid received in the form of Physical document/ Telex/Cable/Fax/E-mail will not be accepted.

5.0 Bidders must quote their total price under the "Total Bid Value" (under RFx Information > Basic Data > Total Bid Value) tab within the permissible limit ('at par' to above 10% of Company's Internal Estimate); otherwise the bid will be rejected straightway. If a bidder wants to quote at 'at par' with the Company's Internal Estimate, he must declare the "Total Bid Value" equal to the Internal Estimate mentioned in the Covering Letter. If a bidder wants to quote above the Internal Estimate by certain percentage, he must declare the "Total Bid Value" equal to the sum of Internal Estimate and the desired percentage of Internal Estimate. If any bidder has quoted the total price above "at par" with Company's Internal Estimate within the permissible range, the percentage quoted above the internal estimate will be calculated and will be loaded accordingly in the rates of each and every items as specified in SOQ.

6.0 All other techno-commercial documents other than price details to be submitted with Un-priced Techno-Commercial Bid as per tender requirement in the c-Folder link (collaboration link) under "Technical RFx Response" Tab Page only.

7.0 Bidders must accept and comply with the following provisions as given in the tender document. Deviations to such provisions shall make the bid liable for rejection.

a. Firm price
b. EMD/Bid Security/Bid Bond
c. Scope of work
d. Specifications
e. Price schedule
f. Delivery / completion schedule
g. Period of validity of bid
h. Liquidated Damages
i. Guarantee of material / work
j. Arbitration / Resolution of Dispute
k. Force Majeure
l. Applicable Laws
m. Integrity Pact

(C) GENERAL:

1.0 Submission of Forged Documents: Bidders should note that Company may verify authenticity of all the documents /certificates / information submitted by the bidder(s) against the tender. In case at any stage of tendering process or Contract execution etc., if it is established that bidder has submitted forged documents / certificates / information towards fulfilment of any of the tender / contract conditions, Company shall immediately reject the bid of such bidder(s) or cancel / terminate the contract and forfeit EMD / SD submitted by the bidder(s), besides taking action as per OIL's Banning Policy available in the OIL's website.

2.0 In case bidder takes exception to any clause of bidding document not covered under BEC/BRC, then the Company has the discretion to load or reject the offer on account of such exception if the bidder does not withdraw / modify the deviation when / as advised by company. The loading so done by the Company will be final and binding on the bidders. No deviation will however be accepted in the clauses covered under BRC.

3.0 To ascertain the substantial responsiveness of the bid the Company reserves the right to ask the bidder for clarification in respect of clauses covered under BEC/BRC also and such clarifications fulfilling the BEC/BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be evaluated based on the submission. However, mere submission of such clarification shall not make the offer responsive, unless Company is satisfied with the substantial responsiveness of the offer.

4.0 Bidder(s) must note that requisite information/financial values etc. as required in the BEC/BRC & Tender are clearly understandable from the supporting documents submitted by the Bidder(s); otherwise Bids shall be rejected.

5.0 OIL will not be responsible for delay, loss or non-receipt of applications for participating in the bid sent by mail and will not entertain any correspondence in this regard.

6.0 If any of the clauses in the BEC/BRC contradicts with any of the clauses of the tender document/disclaimer/guideline/user manual/report or any other field displayed in the e-tender portal, the clauses in the BEC/BRC shall prevail.

WORKS CONTRACT

DESCRIPTION OF WORK/SERVICES: Construction of G+3 Main Office Building, G+1 Annex Building along with Boundary Wall at Security Department, FHQ, Duliajan including supply of all materials.

GENERAL CONDITIONS OF CONTRACT (GCC)

MEMORANDUM OF AGREEMENT made this _____ day of _____ between OIL INDIA LIMITED a Company incorporated under the Companies Act 1956 and having its Registered Office at Duliajan in the District of Dibrugarh, Assam (hereinafter called Company) of the one part and Shri/Smti _____and Shri/Smti _____ carrying on business as partners /proprietor under the firm name and style of M/s._____ with the main Office at _____in the District of _____ aforesaid (hereinafter called 'Contractor') on the other part.

WITNESSETH:

1.0 a) The contractor hereby agrees to carry out the work set down in the Schedule of work which forms Part-II of this Contract in accordance with the 1968 General Conditions of Contract of Oil India Limited and General Specifications read in conjunction with any drawings and Particular Specifications & instructions which forms Part-III of the contract utilizing any materials/services as offered by the Company as per Part-IV of the contract at location _____ .

b) In this Contract all words and expressions shall have the same meaning as are respectively assigned to them in the 1968 General Conditions of Contract of Oil India Limited which the Contractor has perused and is fully conversant with before entering into this Contract.

c) The clauses of this contract and of the specifications set out hereunder shall be paramount and in the event of anything herein contained being inconsistent with any term or terms of the 1968 General Conditions of Contract of Oil India Limited, the said term or terms of the 1968 General conditions of Contract to the extent of such inconsistency, and no further, shall not be binding on the parties hereto.

2.0 i) The contractor shall provide all labour, supervision and transport and such specified materials described in Part-II of the Contract including tools and plants as necessary for the work and shall be responsible for all royalties and other levies and his rates shall include for these. The work executed and materials supplied shall be to the satisfaction of the Company's Engineer and Contractor's rates shall include for all incidental and contingent work which although not specifically mentioned in this contract are necessary for its completion in a sound and workman like manner.

ii) Contractor shall have to produce the valid certificates (Forest Royalty Clearance Certificate) from the concerned departments, as per applicable rate towards forest produce used against the contract to HOD (Civil) prior to processing of final payment. In absence of valid certificates, the final bill shall not be processed.

3.0 The Company's Engineer shall have power to:

a) Reduce the rates at which payments shall be made if the quality of work although acceptable is not up to the required standard set forth in the OIL Standard Specifications which have been perused and fully understood by the Contractor.

b) Order the Contractor to remove any inferior material from the site and to demolish or rectify any work of inferior workmanship, failing which the Company’s Engineer may arrange for any such work to be demolished or rectified by any other means at the Contractor's expenses.

c) Order the Contractor to remove or replace any workman/ supervisor/ engineer/ project-in-charge or any other contactor’s personnel who he (The Engineer) considers incompetent or unsuitable; the Engineer’s opinion as to the competence and suitability of any personnel engaged by the Contractor shall be final and binding on the Contractor.

d) Issue to the Contractor from time to time during the progress of the work such further drawings and instructions as shall be necessary for the purpose of proper and adequate execution and maintenance of the works and the Contractor shall carry out and be bound by the same.

e) Order deviations in Part II and III of this Contract. All such deviation orders shall be in writing and shall show the financial effect, if any, of such deviation and whether any extra time is to be allowed. The rates to be applied for such Deviation Order shall be the same for those appearing in Company’s Schedule of Rate in force on the date of issue of such Deviation Order, to which the contractor has no objection.

4.0 The Contractor shall have no claim against the Company in respect of any work which may be withdrawn but only for work actually completed under this contract. The contractor shall have no objection to carry out work in excess of the quantities and items stipulated in Part-II (SOQ). In case of positive variation in quantities of any items from the quantity mentioned in the tender / contract, the contractor will have to carry out the positive varied quantity at the contract rate, or the internally estimated rate, whichever is lower.

However, during the actual execution of the contract, if the contract is to be utilised in a different zone due to Company's operational requirement, and accordingly if the rates of the contractual items are different as in OIL's Schedule of Rates (SOR), then the rates as per the actual zone of execution will be applicable for the contractual items and shall be adopted from the same OIL's SOR which has been adopted in the tender. In that case, the rates shall be applicable for both the contractual quantities as well as for the additional quantities, if required to be executed.

If any additional items (items not covered in the tender / contract) are required to be executed during actual execution of works, the payment of such items shall be made as per the rates of OIL Schedule of Rates (SOR) prevailing in the working zone (the zone where the contract is utilized) at the time of issuance of advice by Company to execute such additional items.

5.0 The Company reserves the right to cancel this Contract at any time upon full payment of work done and the value of the materials collected by the contractor for permanent incorporation in the work under this contract particularly for execution of this contract up to the date of cancellation of the Contract. The valuation of the work done and the materials collected shall be estimated by the company's Engineer in presence of the contractor. The Contractor shall have no claim to any further payment whatsoever. The valuation would be carried out exparte if Contractor fails to turn up despite reasonable notice which will be binding on the Contractor.

6.0 The Contractor hereby undertakes to indemnify the Company against all claims which may arise under the under noted Acts:

I. The Mines Act.
II. The Minimum Wages Act, 1948.
III. The Workman's Compensation Act, 1923.
IV. The Payment of wages Act, 1936.
V. The Payment of Bonus Act, 1965.
VI. The Contract Labour (Regulation & Abolition) Act, 1970 and the rules framed there under.
VII. Employees' Pension Scheme, 1995.
VIII. Inter-State Migrant (Regulation of Employment and Condition of Service) Act. 1979.
IX. The Employees Provident Fund and Miscellaneous Provisions Act, 1952.
X. Goods and Service Tax (GST) Law,

or any other Acts or Statute not here in above specifically mentioned having bearing over engagement of workers directly or indirectly for execution of work. The Contractor shall not make the Company liable to reimburse the Contractor for the statutory increase in the wage rates of the Contract Labour appointed by the Contractor. Such Statutory increase in the wage rates of Contract Labour shall be borne by the contractor.

7.0 The Contractor shall clear away all rubbish and surplus material from the site on completion of work and shall leave the site clean and tidy.

8.0 The Contractor must complete the work within **183 weeks** of the written order to commence work. During the currency of the job, the work progress must be commensurate with the time elapsed. In the event of any delay on the contractor's part, he/she will be liable to pay to the company liquidated damages at the rate of 1/2% (Half percent) per week of the contract price of the item(s) delayed in completion and the maximum value of the liquidated damage will be 7.5% of the contract price of the item(s) delayed provided the item(s) delayed are not critical for commissioning and final utilization of the work. If, however, the item(s) delayed in completion are critical for commissioning and final utilisation of the work then the contractor will be liable to pay liquidated damages by way of penalty at the rate of 1/2% (Half percent) per week of delay of the total contract cost subject to a maximum of 7.5% of total contract cost.

The HOD-Civil's certificate as to the criticality or otherwise of an item shall be final.

The payment of liquidated damages/penalty may be reduced or waived at the sole discretion of the Company whose decision in this regard will be final.

In the event of there being undue delay in execution of the Contract, the Company reserves the right to cancel the Contract and / or levy such additional damages as it deems fit based on the actual loss suffered by the company attributable to such delay. The company's decision in this regard shall be final.

9.0 In order to promote, safeguard and facilitate the general operational economic in the interest of the Company during the continuance of this contract the Contractor hereby agrees and undertakes not to take any direct or indirect interest and or support, assist, maintain or help any person or persons engaged in antisocial activities, demonstration, riots , or in any agitation prejudicial to the Company's interest and any such even taking shape or form at any place of the Company's works or and its neighbourhood.

10.0 The tendered all-inclusive Price (i.e. the Contract price) is ₹ _____ ***(Not to be filled up by bidder while submitting the offer in c-Folder. This figure will be filled up by OIL at the time of award of the contract to the successful bidder.)*** (₹_____ only) but the Company shall pay the Contractor only for actual work done at the all inclusive rates set down in the Schedule of work part II of this Contract.

On account payment may be made, not oftener than monthly, up to the amount of 92.5% of the value of work done. Final payment will be made only after satisfactory completion of the work. Such final payment shall be based on the work actually done allowing for deviations and any deductions and the measurement shall be checked and certified correct by the Company's Engineer before any such final payment is made.

11.0 The contractor employing 20 (twenty) or more workmen on any day preceding 12 months shall be required to obtain requisite licence at his cost from the appropriate Licensing Officer before undertaking any Contract work. The Contractor shall also observe the rules & regulations framed under the Contract Labour (Regulation & Abolition) Act.

12.0 Wages shall be paid by the Contractor to the workmen directly without any intervention of any Jamadars or Thekaders and that the Contractor shall ensure that no amount by way of commission or otherwise be deducted/ recovered by the Jamadar from the wages of the workmen.

13.0 The Company for any reason whatsoever and of which the company shall be sole judge may terminate this Contract with a 24 hours notice in writing to the Contractor and in the event of Company's so doing the clause 5 here of shall prevail and the accounts between the parties will be in accordance therewith finalised.

14.0 The Contractor will not be allowed to construct any structure (for storage / housing purpose) with thatch, bamboo or any other inflammable materials within any company's fenced area.

15.0 The Contractor shall ensure that all men engaged by him/her are provided with appropriate protective clothing and safety wear in accordance with the Oil Mines Regulations 2017. The Company's representative shall not allow/accept those men who are not provided with the same.

16.0 All Statutory taxes levied by the Central and State Government or any other competent authority from time to time, except PF & GST, will be borne by Contractor and the contract cost is inclusive of all tax liabilities except PF & GST. However, any subsequent increase in such statutory taxes after bid opening day will be borne by the Company. Similarly if there is any decrease in such statutory taxes after bid opening, the Company shall recover the decreased amount of such taxes from the contractor.

17.0 The Contractor shall deploy local persons in all works.

18.0 The Contractor shall not engage minor labour below 18(eighteen) years of age under any circumstances.

19.0 The Contractor and his/her workmen shall strictly observe the rules and regulations as per Mines Act (Latest editions).

20.0 <u>SPECIAL CONDITIONS</u>:

a) The Contractor shall obtain and submit the Labour Clearance Advice (LCA) / Labour Clearance Certificate (LCC) within 14 days of signing the contract agreement. If the contractor fails to submit the LCA / LCC within 14 days of signing the contract agreement, the period of delay in submission of LCA / LCC shall be deducted from the contractual period while issuing the work order. In such cases, the time period mentioned in Clause No. 8 of GCC (Part-I of this contract) shall not be applicable and the contactor must complete the work within the reduced time period allotted to the contractor as per the work order issued.

However, if submission of LCA / LCC is delayed, under some exceptional circumstances, for any reason not attributable to the contractor, the same should be recorded by the contractor with documentary proof. In such cases, the decision as to whether the reason of delay is attributable to the contractor or not shall be taken by the Head of Civil Engineering Department and the work order will be issued accordingly.

b) Retention Money @ 7.5 % will be kept as Performance Security Deposit against the contract and will be deducted from the running bill in addition to 2.5% submitted as Performance Security after issue of LOI/LOA. The amount of retention money and performance security deposit shall be released after defect liability period under the contract (including extension, if any). A part or whole of retention money and

performance security shall be used by the Company in realisation of liquidated damage or claims, if any, or for adjustment of compensation or loss due to the Company for any reason. The retention money and performance security shall not earn any interest.

c) The contractor will be required to allow OIL Officials to inspect the work site and documents in respect of the workers' payment.

d) Contractor(s) whosoever is liable to be covered under the P.F. Act must ensure strict compliance of provisions of the Employees Provident Fund and Miscellaneous Provisions Act, 1952 in addition to the various Acts mentioned elsewhere in this contract. Any contractor found violating these provisions will render themselves disqualified from any future tendering. As per terms of the contract, if applicable, the Contractor must deposit Provident Fund Contribution (covering Employee's & employer's share) with the competent authority monthly under their direct code. 12% P.F. will be applicable on the wage component of the contract cost. Wage component of the Contract cost is 17.22 %.

Contract Cost excluding PF: The P.F deposited by the Contractor, will be reimbursed on production of documentary evidence of depositing the same to the authority concerned.

Contract Cost including PF: The Contractor shall be required to submit documentary evidence of deposit of P.F. Contribution to the Company. In case of failure to provide such documentary evidence, the Company reserves the right to withhold the amount equivalent to P.F. Contribution on wage component.

e) All safety precautions to be maintained by the Contractor at his own cost as per safety rules and regulations.

f) The Contractor shall use pump if needed for dewatering of pit while excavation for which no extra payment will be made.

g) The Contractor shall have to work during rainy seasons also.

h) Watch and ward, loss or damage to Company's property, theft and other incidental charges shall be Contractor's responsibility.

i) Efficient workmen to be engaged by the Contractor.

j) The Contractor's representative should report to Engineer-in-charge on all working days at 7.00 A.M. and 3.00 P.M. for instructions.

k) Materials if rejected should be removed from site within 48 (forty- eight) hours of rejection, failing which the Company reserves the right to get the rejected materials removed at the risk and cost of the Contractor.

l) The Company reserves the right to get the part or whole work complete at the risk and cost of the Contractor if he fails to complete the work within the stipulated time without any valid reason. The Company's decision shall be final and binding on the Contractor.

m) Water that may accumulate on the site during progress of the works or in trenches and excavations from other than accepted risks shall be removed from the site to entire satisfaction of the Engineer-in-charge and at the Contractor's expense.

n) The Contractor shall be in a position to execute 2(two) locations simultaneously.

o) If required, the Contractor shall have to work in two shifts for which no extra payment will be admissible to him/them.

p) If needed water and electricity will have to be arranged by the Contractor at his own cost.

q) The Contractor and his workmen are to strictly observe the safety precautionary rules as per Mines Act (Latest edition) while executing the work.

r) The Contractor shall have to provide temporary latrine facilities in the entire work site for use of their workmen during progress of work.

s) The contractor himself (the signatory of the contract) must visit the site at least twice in a week as fixed for taking necessary instruction from the Engineer-in charge.

t) The program of works to be submitted in the form of Bar Chart within 3 days of receipt of work order.

21.0 SPECIAL INSTRUCTION:

The contractor must quote considering the prevailing minimum Labour wage rate for each day of work.

22.0 GOODS AND SERVICES TAX (GST) CLAUSES UNDER GCC

22.1 GENERAL REMARKS ON TAXES & DUTIES:

In view of **GST** Implementation from 1st July 2017, all taxes and duties including Excise Duty, CST/VAT, Service tax, Entry Tax and other indirect taxes and duties have been submerged in **GST**. Accordingly reference of Excise Duty, Service Tax, VAT, Sales Tax, Entry Tax or any other form of indirect tax except of **GST** mentioned in the bidding document shall be ignored.

22.2 Bidders are required to submit copy of the GST Registration Certificate while submitting the bids wherever **GST** (CGST & SGST/UTGST or IGST) is applicable.

22.3 "**GST**" shall mean Goods and Services Tax charged on the supply of material(s) and services. The term "**GST**" shall be construed to include the Integrated Goods and Services Tax (hereinafter referred to as "IGST") or Central Goods and Services Tax (hereinafter referred to as "CGST") or State Goods and Services Tax (hereinafter referred to as "SGST") or Union Territory Goods and Services Tax (hereinafter referred to as "UTGST") depending upon the import / interstate or intrastate supplies, as the case may be. It shall also mean GST compensation Cess, if applicable.

22.4 Quoted price/rate(s) should be inclusive of all taxes and duties, except **GST (i.e. IGST or CGST and SGST/UTGST applicable in case of interstate supply or intra state supply respectively and cess on GST if applicable) on the final service**. Please note that the responsibility of payment of GST (CGST & SGST or IGST or UTGST) lies with the Supplier of Goods /Services (Service Provider) only. Supplier of Goods / Services (Service Provider) providing taxable service shall issue an Invoice/ Bill, as the case may be as per rules/ regulation of **GST**. Further, returns and details required to be filed under GST laws & rules should be timely filed by Supplier of Goods / Services (Service Provider) with requisite details.

22.5 Where OIL is entitled to avail the input tax credit of GST:
OIL will reimburse the **GST** to the Supplier of Goods / Services (Service Provider) at actuals against submission of Invoices as per format specified in rules/ regulation of GST to enable OIL to claim input tax credit of **GST** paid. In case of any variation in the executed quantities, the amount on which the **GST** is applicable shall be modified in same proportion. Returns and details required to be filed under GST laws & rules should be timely filed by supplier with requisite details.

22.6 Where OIL is not entitled to avail/take the full input tax credit of GST:

OIL will reimburse **GST** to the Supplier of Goods / Services (Service Provider) at actuals against submission of Invoices as per format specified in rules/ regulation of **GST**.

22.7 Payments to Service Provider for claiming **GST** amount will be made provided the above formalities are fulfilled. Further, OIL may seek copies of challan and certificate from Chartered Accountant for deposit of **GST** collected from OIL.

22.8 Contractor/vendor shall be required to issue tax invoice in accordance with GST Act and/or Rules so that input credit can be availed by OIL. In the event that the contractor / vendor fails to provide the invoice in the form and manner prescribed under the GST Act read with GST Invoicing Rules thereunder, OIL shall not be liable to make any payment on account of **GST** against such invoice.

22.9 **GST** shall be paid against receipt of tax invoice and proof of payment of **GST** to government. In case of non-receipt of tax invoice or non-payment of **GST** by the contractor/vendor, OIL shall withhold the payment of **GST**.

22.10 **GST** payable under reverse charge mechanism for specified services or goods under GST act or rules, if any, shall not be paid to the contractor/vendor but will be directly deposited to the government by OIL.

22.11 Where OIL has the obligation to discharge **GST** liability under reverse charge mechanism and OIL has paid or is /liable to pay **GST** to the Government on which interest or penalties becomes payable as per GST laws for any reason which is not attributable to OIL or ITC with respect to such payments is not available to OIL for any reason which is not attributable to OIL, then OIL shall be entitled to deduct/ setoff / recover such amounts against any amounts paid or payable by OIL to Contractor / Supplier.

22.12 Notwithstanding anything contained anywhere in the Agreement, in the event that the input tax credit of the **GST** charged by the Contractor / Vendor is denied by the tax authorities to OIL for reasons attributable to Contractor / Vendor, OIL shall be entitled to recover such amount from the Contractor / Vendor by way of adjustment from the next invoice. In addition to the amount of **GST**, OIL shall also be entitled to recover interest at the rate prescribed under GST Act and penalty, in case any penalty is imposed by the tax authorities on OIL.

22.13 TDS under GST, if applicable, shall be deducted from contractor's/vendor's bill at applicable rate and a certificate as per rules for tax so deducted shall be provided to the contractor/vendor.

22.14 The Contractor will be under obligation for charging correct rate of tax as prescribed under the respective tax laws. Further the Contractor shall avail and pass on benefits of all exemptions/concessions available under tax laws. Any error of interpretation of applicability of taxes/ duties by the contractor shall be to contractor's account.

22.15 Further, it is the responsibility of the bidders to make all possible efforts to make their accounting / IT system GST compliant in order to ensure availability of Input Tax Credit (ITC) to Oil India Ltd.

22.16 Beyond the contract period, in case OIL is not entitled for input tax credit of **GST**, then any increase in the rate of **GST** beyond the contractual delivery period (in case the delay is attributable to the service provider), shall be to Service provider's account whereas any decrease in the rate of **GST** shall be passed on to the OIL.

Beyond the contract period, in case OIL is entitled for input tax credit of **GST**, then statutory variation in applicable **GST** on supply and on incidental services, shall be to OIL's account.

Claim for payment of **GST**/ Statutory variation, should be raised within two [02] months from the date of issue of 'Government Notification' for payment of differential (in %) **GST**, otherwise claim in respect of above shall not be entertained for payment of arrears.

22.17 The contractor will be liable to ensure to have registered with the respective tax authorities, wherever applicable, and to submit self-attested copy of such registration certificate(s) and the Contractor will be responsible for procurement of material in its own registration (GSTIN) and also to issue its own Road Permit/ E-way Bill, if applicable etc.

22.18 Documentation requirement for GST

The vendor will be under the obligation for invoicing correct tax rate of tax/duties as prescribed under the GST law to OIL, and pass on the benefits, if any, after availing input tax credit.

Any invoice issued shall contain the following particulars

a) Name, address and GSTIN of the supplier;
b) Serial number of the invoice;
c) Date of issue;
d) Name, address and GSTIN or UIN, if registered of the recipient;
e) Name and address of the recipient and the address of the delivery, along with the State and its code,
f) HSN code of goods or Accounting Code of services[SAC];
g) Description of goods or services;
h) Quantity in case of goods and unit or Unique Quantity Code thereof;
i) Total value of supply of goods or services or both;
j) Taxable value of supply of goods or services or both taking into discount or abatement if any;
k) Rate of tax (IGST,CGST, SGST/ UTGST, cess);
l) Amount of tax charged in respect of taxable goods or services (IGST,CGST, SGST/UTGST, cess);
m) Place of supply along with the name of State, in case of supply in the course of interstate trade or commerce;
n) Address of the delivery where the same is different from the place of supply and
o) Signature or digital signature of the supplier or his authorised representative.

GST invoice shall be prepared in triplicate, in case of supply of goods, in the following manner.

i. The original copy being marked as ORIGINAL FOR RECIPIENT;
ii. The duplicate copy being marked as DUPLICATE FOR TRANSPORTER and
iii. The triplicate copy being marked as TRIPLICATE FOR SUPPLIER.

22.19 ANTI-PROFITEERING CLAUSE

In case the GST rating of vendor on the GST portal / Govt. official website is negative / black listed, then the bids may be rejected by OIL. Further, in case rating of bidder is negative / black listed after award of work for supply of goods / services, then OIL shall not be obligated or liable to pay or reimburse GST to such vendor and shall also be entitled to deduct / recover such GST along with all penalties / interest, if any, incurred by OIL.

22.20 OIL will prefer to deal with registered bidder under GST. Therefore, bidders are requested to get themselves registered under GST, if not registered yet.

23.0 INSURANCE:

23.1 The Contractor shall at its own expense arrange secure and maintain insurance with reputed insurance companies to the satisfaction of the Company as follows:

a) The Contractor shall, at his own expense, arrange appropriate comprehensive insurance (All-risks insurance cover with suitable limit as per International Standard) to cover all risks assumed by the Contractor under this Contract in respect of its equipment, tools including but not limited to well equipment & tools, any other belongings and personnel during the entire period of this Contract including extensions thereof.

b) The Contractor shall also carry adequate insurance cover against damage/loss to third party/person/property.

c) The Contractor at his cost shall arrange, secure and maintain insurance as may be necessary and to its full value for all such amounts to protect the works-in-progress from time to time and the interest of Company against all risks as detailed herein subject to the satisfaction of the Company and irrespective of acceptance of the Work.

d) The responsibility to maintain adequate insurance coverage at all times during the period of the Contract shall be that of the Contractor alone and OIL will have no liability on this account. The Contractor's failure in this regard shall not relieve him of any of his responsibilities & obligations under the Contract.

e) All costs on account of insurance liabilities covered under the Contract will be to the Contractor's account.

23.2 **Deductible:**
The CONTRACTOR shall take policy with minimum deductible as per IRDA prescribed for the policy(ies) that portion of any loss not covered by insurance provided for in this article solely by reason of a deductible provision in such insurance policies shall be to the account of the CONTRACTOR.

23.3 The CONTRACTOR shall require all of his sub-Contractor to provide such of the foregoing insurance coverage as Contractor is obliged to provide under this Contract and inform the Company about the coverage prior to the commencement of agreements with its sub-Contractors.

23.4 All insurance taken out by Contractor or their sub-contractor shall be endorsed to provide that the underwriters waive their rights of recourse on the Company and to the extent of the liabilities assumed by Contractor under this Contract.

23.5 **Waiver of subrogation:**
All insurance policies of the Contractor and its Sub-Contractor with respect to the operations conducted hereunder as set forth in clauses hereof, shall be endorsed by the underwriter in accordance with the following policy wording:

"The insurers hereby waive their rights of subrogation against Oil India Limited or any of their employees or their affiliates and assignees".

23.6 **Loss Payee Clause:**

The Insurance Policies should mention the following in Loss Payee Clause:

"In respect of Insurance claims in which OIL's interest is involved, written consent of OIL will be required".

23.7 **Additional Assured:**

"OIL India Limited" is to is to be included as Additional Assured in the Insurance Policies (except in case of Workmen's Compensation/Employer's Liability insurance).

23.8 **Certificate of Insurance:**

Before commencing performance of the CONTRACT, CONTRACTOR shall furnish OIL with certificates of insurance indicating:

a) Kinds and amounts of insurance as required herein
b) Details of coverage
c) Insurance corporation or companies carrying the aforesaid coverage
d) Effective and expiry dates of policies
e) That OIL shall be given thirty (30) days written advance notice of any material change in the policy
f) Waiver of subrogation endorsement has been attached to all policies and the indemnity is afforded to all policies.

Note: An undertaking by the service provider has to be mandatorily provided during the Mobilization time that they have taken all the Insurance provisions as per the contract and as the Law and Insurance Regulation.

23.9 If any of the above policy expire or/are cancelled during the term of this CONTRACT and CONTRACTOR fails for any reason to renew such policies, OIL in no case shall be liable for any loss/damage occurred during the term when the policy is not effective. Furthermore, a penal interest @ 1% of the Total contract value shall be charged towards not fulfilling of the contractual obligations. Notwithstanding above, should there be a lapse in any insurance required to be taken by the Contractor for any reason whatsoever, loss/damage claims resulting therefrom shall be to the sole account of Contractor.

23.10 The Contractor on demand from Company shall furnish the Insurance Policy having detail terms and conditions, with respect to any Certificate of Insurance submitted to the Company.

23.11 **On account payment to OIL in case of claim**

In case any loss or damage happen and where OIL's interest is involved, OIL reserves the right to recover the loss amount from the CONTRACTOR prior to final settlement of the claim.

23.12 The CONTRACTOR shall at all time during the currency of the contract provide, pay for and maintain the following insurance amongst others:

(i) **Employees Compensation (EC) Policy or Employer's Liability Policy insurance** as required by the laws of the country of origin of the employee.

(ii) **Commercial General Liability Insurance:** Commercial General Public Liability Insurance covering liabilities including contractual liability for bodily injury, including death of persons, and liabilities for damage of property. This insurance must cover all operations of CONTRACTOR required to fulfil the provisions under this Contract.

(iii) **Comprehensive General Automotive Liability:** Automobile Public Liability Insurance covering owned, non-owned and hired automobiles used in the performance of the work hereunder, with bodily injury limits and property damage limits shall be governed by Indian Insurance Regulations.

(iv) **Carrier's Legal Liability Insurance:** Carrier's Legal Liability Insurance in respect of **all CONTRACTOR's items** to be transported by the CONTRACTOR to the site of work, for physical loss or destruction of or damage to goods or merchandise, while in transit.

(v) **Public Liability Act Policy:** Public Liability Act Policy, if applicable, covering the statutory liability arising out of accidents occurring during the currency of the contract due to handling hazardous substances as provided in the Public Liability Insurance Act 1991 and the Rules framed there under. In case there is no usage of hazardous substance, the Contractor should provide an undertaking during mobilization as per format enclosed regarding non-inclusion of hazardous substances within the ambit of the contract.

(vi) **Pradhan Mantri Suraksha Bima Yojana (PMSBY) and Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY):** CONTRACTOR shall, ensure that all his/ its personnel deployed under this contract have obtained additional insurance coverage under the Pradhan Mantri Suraksha Bima Yojana (PMSBY) and Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY) through the participating banks and submit the proof of such insurance coverage to the satisfaction of OIL.

Note: This will be applicable for only Indian citizens and within the prescribed age group defined under the scheme for the insurance coverage.

(vii) Any other insurance policy set forth in the SCC

24.0 SETTLEMENT OF DISPUTES:

24.1 If dispute of any kind whatsoever shall arise between the company and the contractor in connection with or arising out of the contract, including without prejudice to the generality of the foregoing, any question regarding its existence, validity or termination, or the execution of the facilities, whether during the progress of the facilities or after their completion and whether before or after the termination, abandonment or breach of the contract, the parties shall seek to resolve any such dispute or difference by mutual consultation. If the parties fail to resolve any such dispute or difference by mutual consultation, then the dispute may be settled through Settlement Advisory Committee (SAC). In the event, a dispute remains unsettled then Arbitration/ other remedies available under the applicable laws may be availed by the Contractor.

24.2 Resolution of Dispute through SAC:

a) OIL has framed the Conciliation Rules 2020 in conformity with Part III of the Arbitration and Conciliation Act 1996 as amended from time to time for speedier, cost effective and amicable settlement of disputes through conciliation.

b) If the parties fail to resolve such a dispute or difference by mutual consultation as per clause no. 23.1, the dispute, if the parties agree, may be referred to conciliation in accordance with OIL Conciliation Rules 2020 as amended from time to time. A copy of the said Rules has been made available on OIL's Website i.e. www.oil-india.com

c) Where the invitation for conciliation has been accepted by the other party, the parties shall attempt to settle such dispute(s) amicably under OIL conciliation Rules 2020.

d) Parties shall invoke arbitration clauses only after exhausting the option of conciliation as an Alternative Dispute Resolution Mechanism. For the purpose of this clause, the option of conciliation shall be deemed to have been exhausted, even in case of rejection of conciliation by any of the parties.

24.3 Arbitration (Applicable for Suppliers/Contractors other than PSU and MSME):

a) Except as otherwise provided elsewhere in the contract, if any dispute, difference, question or disagreement arises between the parties hereto or their respective representatives or assignees, in connection with construction, meaning, operation, effect, interpretation of the contract or breach thereof which parties are unable to settle mutually through Conciliation/Mediation, the same shall be referred to Arbitration.

b) A party wishing to commence arbitration proceeding shall invoke an Arbitration Clause by giving 30 days' notice to the other party. The notice invoking arbitration shall specify all the points of dispute with details of the amount claimed to be referred to arbitration at the time of invocation of arbitration and not thereafter. If the claim is in foreign currency, the claimant shall indicate its value in Indian Rupee for the purpose of constitution of the arbitral tribunal.

c) The number of arbitrators and the appointing authority will be as under: Claim amount (excluding claim for interest and counter claim, if any)

Claim amount (excluding claim for interest and counter claim, if any)	**Number of Arbitrator**	**Appointing Authority**
Upto Rs.25.00 Lakh	Not applicable	Not applicable
Above Rs. 25.00 Lakh Upto Rs. 5 Crore	Sole Arbitrator from the panel of Arbitrators' List maintained by OIL	Mutually to be decided by the Parties.

d) The Parties agree that dispute involving claims below Rs. 25 lakhs and above Rs. 5 crores shall not be subject matter of Arbitration but subject to the exclusive jurisdiction of the Court(s) situated at New Delhi.

e) The parties agree that they shall appoint only those persons as arbitrators who accept the conditions of the arbitration clause. No person shall be appointed as Arbitrator or Presiding Arbitrator who does not accept the conditions of the arbitration clause.

f) If any of the Arbitrators so appointed dies, resigns, becomes incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the concerned party/arbitrators to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left if both parties consent for the same; otherwise, he shall proceed de novo.

g) Parties agree and undertake that neither shall be entitled for any pre- reference or pendente-lite interest on its claims. Parties agree that any claim for such interest made by any party shall be void. Parties agree that a claim for any such interest shall not be considered and shall be void. The Arbitrator or Tribunal shall have no right to award pre-reference or pendent-lite interest in the matter.

h) The arbitral tribunal shall complete the proceedings, make and publish the award within time stipulated in the Arbitration and Conciliation Act, 1996 (as amended from time to time).

i) If after commencement of the arbitration proceedings, the parties agree to settle the dispute mutually or refer the dispute to conciliation, the arbitrators shall put the proceedings in abeyance until such period as requested by the parties. Where the proceedings are put in abeyance or terminated on account of mutual settlement of dispute by the parties, the fees payable to the arbitrators shall be determined as under:

(i) 20% of the fees if the claimant has not submitted statement of claim.
(ii) 40% of the fees if the pleadings are complete.
(iii) 60% of the fees if the hearing has commenced.
(iv) 80% of the fees if the hearing is concluded but the award is yet to be passed.

j) Each party shall be responsible to make arrangements for the travel and stay etc. of the arbitrator appointed by it. Claimant shall also be responsible for making arrangements for travel and stay of the Presiding Arbitrator and the expenses incurred shall be shared equally by the parties. In the case of sole arbitrator, both parties shall equally share all expenditures that may be required to be incurred.

k) The fees and other administrative/secretarial expenses of the arbitrator(s) shall not exceed the model fee as stipulated in Schedule of the Act and such expenses shall be equally borne by the parties.

l) The seat and venue of the arbitration proceeding shall be New Delhi.

24.4 Arbitration (applicable in case of Contract awarded on Public Sector Enterprise):

a) If the Parties fail to resolve such a dispute or differences by Mutual Consultation/Good Faith Discussions, such disputes or difference shall be taken up by either party for resolution through Administrative Mechanism for Resolution of CPSEs Disputes (AMRCD) as mentioned in DPE Office Memorandum No. 05/0003/2019-FTS-10937 dated 14.12.2022 issued by Department of Public Enterprises, Ministry of Heavy Industries and Public Enterprises, Government of India and its further clarifications, modifications and amendments, issued from time to time.

b) A party wishing to commence arbitration proceeding shall invoke Arbitration Clause and refer the dispute(s) to AMRCD with a copy to the other party. The notice invoking arbitration shall specify all the points of dispute with details of the amount claimed to be referred to arbitration at the time of invocation of arbitration and not thereafter.

c) Upon such reference, the dispute shall be decided by the Competent Authority appointed under the AMRCD, whose decision shall bind the parties finally and conclusively. The parties in the dispute will share equally the cost of the arbitration as intimated by the Arbitrator.

24.5 Arbitration (Applicable to Micro, Small and Medium Enterprise)

In the event of any dispute or difference relating to, arising from, or connected with the Contract, efforts shall be made to resolve the dispute(s) amicably by mutual consultation and in case such dispute(s) cannot be resolved through mutual consultation, then same shall be resolved through the procedure as prescribed in Section-18 of the Micro, Small and Medium Enterprises Development Act, 2006.

24.6 Exclusions

Parties agree that following matters shall not be referred to conciliation or arbitration:

a) Any claim, difference or dispute relating to, connected with or arising out of OIL's decision to initiate any proceedings for suspension or debarment or banning, or decision to suspend or to ban or to debar business dealings with the bidder/CONTRACTOR and/or with any other person involved or connected or dealing with bid/contract/bidder/CONTRACTOR.

b) Any claim, difference or dispute relating to, connected with or arising out of OIL's decision under the provisions of Integrity Pact executed between OIL and the Bidder/CONTRACTOR.

c) Any claim, difference or dispute relating to, connected with or arising out of OIL's decision to comply with any order or directive of any statutory or government authority.

25.0 FORCE MAJEURE:

In the event of either party being rendered unable by 'Force Majeure' to perform any obligation required to be performed by them under the contract, the relative obligation of the party affected by such 'Force Majeure' will stand suspended as provided herein. The term force majeure as employed herein shall mean Acts of God such as earthquake, hurricane, typhoon, flood, volcanic activity etc.; war (declared / undeclared); riot, revolts, rebellion, terrorism, sabotage by persons other than the CONTRACTOR's Personnel; fires, explosions, ionising radiation or contamination by radio-activity or noxious gas, if not caused by CONTRACTOR's fault; declared epidemic or disaster; acts and regulations of respective Govt. of the two parties, namely the COMPANY and the CONTRACTOR and civil commotions, lockout not attributable to the CONTRACTOR.

Upon occurrence of such cause, the party claiming that it has been rendered unable as aforesaid thereby, shall notify the other party in writing within 72 (Seventy Two) hours of the alleged beginning and ending thereof, giving full particulars and satisfactory evidence in support of its claim.

Should 'force majeure' condition as stated above occurs and should the same be notified within 72 (Seventy two) hours after its occurrence the `force majeure' rate (if specified in the SCC of the Contract) shall apply for the first 15 (fifteen) days for each such occasion.

Either party shall have the right to terminate the Contract if such 'force majeure' conditions continue beyond successive 60 (Sixty) days [or exclusively mentioned in the SCC of the Contract] with prior written notice of 15 days, provided termination of the Contract does not result into safety hazard to the life and property on account of withdrawal of operations or the operation is at critical stage. COMPANY shall have the absolute right to decide whether any safety hazard exists or operation is at critical position and decision of the COMPANY shall binding upon the CONTRACTOR.

Should either party decide not to terminate the Contract even under such condition, no payment would apply after expiry of fifteen (15) days force majeure period. [or exclusively mentioned in the SCC of the Contract]

Time for performance of the relative obligation suspended by Force Majeure shall then stand extended by the period for which such cause lasts.

If however, relative obligation of the party affected by such 'Force Majeure' is limited to part of the obligation(s), the contract shall not be terminated and the parties shall continue to perform their respective obligations, which are not affected by the 'force majeure' condition, provided the obligations affected by the 'force majeure' do not preclude the parties in performing the obligations not affected by such conditions.

26.0 I.B. VERIFICATION REPORT AND SECURITY REVIEW:

Contractor will be required to submit the verification report to ascertain character and antecedents from the Civil Administration towards the persons engaged under this contract to the Head of the user Department before engagement.

27.0 In case of any doubt or dispute as to the interpretation of any clause herein contained, the decision of the Company's Engineer shall be final and binding on the contractor.

28.0 SET OFF CLAUSE:

"Any sum of money due and payable to the contractor (including Security Deposit refundable to them) under this or any other contract may be appropriated by Oil India Limited and set off against any claim of Oil India Limited (or such other person or persons contracting through Oil India Limited) for payment of a sum of money arising out of this contract or under any other contract made by the contractor with Oil India Limited (or such other person or persons contracting through Oil India Limited)."

29.0 COMMISSION OF MISCONDUCT / SUBMISSION OF FRAUDULENT DOCUMENT BY THE BIDDER/CONTRACTOR AND BANNING THEREOF: The information and documents furnished by the bidder/CONTRACTOR in respect of the tender/contract are accepted by COMPANY to be true and genuine. However, if it comes to the notice of the COMPANY anytime either during the pendency of the tender or after award of the contract or after completion the contract that a Bidder/CONTRACTOR furnished fraudulent document/false information in relation to the subject tender/contract or committed any misconduct, appropriate action shall be taken against the Bidder/CONTRACTOR for debarment/banning of the bidder/CONTRACTOR from participating in any future tender of the COMPANY in terms of the COMPANY's Banning Policy besides making the CONTRACTOR liable for other penal action including termination of ongoing contract(s) at his/her risk and peril. In such event, the Bid Security/Performance Security in respect of ongoing contract(s) shall be forfeited by the COMPANY.

30.0 ERRING / DEFAULTING AGENCIES: Erring and defaulting agencies like bidder, contractor, supplier, vendor, service provider will be dealt as per OIL's Banning Policy available in OIL's website: www.oil-

india.com. Moreover, OIL reserves the right to take legal or any other action on the basis of merit of the case.

31.0 TERMINATION:

a) **Termination on expiry of the contract:** This Agreement shall be deemed to have been automatically terminated on the expiry of the contract period unless OIL has exercised its option to extend this contract in accordance with the provisions, if any, of this contract.

b) **Termination of contract for death:** If the CONTRACTOR is an individual or a proprietary concern and the individual or the proprietor dies or if the CONTRACTOR is a partnership concern and one of the partners dies then unless, the COMPANY is satisfied that the legal heir of the individual or the proprietary concern or the surviving partners are capable of carrying out and completing Contract, the COMPANY is entitled to cancel the Contract for the uncompleted part without being in any way liable for any compensation payment to the estate of the deceased CONTRACTOR and/or to the surviving partners of the CONTRACTOR's firm on account of the cancellation of Contract. The decision of the COMPANY in such assessment shall be final & binding on the parties. In the event of such cancellation, the COMPANY shall not hold the estate of the deceased CONTRACTOR and/or the surviving partners of CONTRACTOR's firm liable for any damages for non-completion of the Contract.

c) **Termination on account of Force Majeure:** Unless the contract provides otherwise, either party shall have the right to terminate this Contract on account of Force Majeure as set forth in Article-24.0 above.

d) **Termination on account of insolvency:** In the event that the CONTRACTOR or its collaborator or its guarantor at any time during the term of the Contract, becomes insolvent or makes a voluntary assignment of its assets for the benefit of creditors or is adjudged bankrupt or under the process of insolvency or liquidation, then the COMPANY shall, by a notice in writing have the right to terminate the Contract and all the CONTRACTOR's rights and privileges hereunder, shall stand terminated forthwith.

However, COMPANY shall be at liberty to give the Receiver or Liquidator or Insolvency Professional Manager, as appointed by the Competent Court/Tribunal, the option of carrying out the Contract subject to its technical & financial competence and his providing a guarantee for due and faithful performance of the Contract.

e) **Termination for Unsatisfactory Performance:** If the COMPANY considers that, the performance of the CONTRACTOR is unsatisfactory, or not as per the provision of the Contract, the COMPANY shall notify the CONTRACTOR in writing and specify in details the cause of dissatisfaction. The COMPANY shall have the option to terminate the Contract by giving 15 days' notice in writing to the CONTRACTOR, if CONTRACTOR fails to comply with the requisitions contained in the said written notice issued by the COMPANY. In the event CONTRACTOR rectifies its non-performance to the satisfaction of the COMPANY, the option of termination may not be exercised by the COMPANY. If however CONTRACTOR repeats non-performance subsequently, COMPANY shall exercise the option to terminate contract by giving 07 days' notice. Such CONTRACTOR shall be put on holiday as per the Banning Policy of OIL [available at www.oil-india.in].

f) **Termination due to change of ownership and Assignment:** In case the CONTRACTOR's rights and /or obligations under this Contract and/or the CONTRACTOR's rights, title and interest to the equipment/ material, are transferred or assigned without the COMPANY's written consent, the COMPANY may at its option, terminate this Contract. COMPANY shall not be however under any obligation to accord consent to the CONTRACTOR for change of ownership & assignment of the contract.

g) If at any time during the term of this Contract, breakdown of CONTRACTOR's equipment results in CONTRACTORs being unable to perform their obligations hereunder for a period of 15 successive days, COMPANY at its option, may terminate this Contract in its entirety or partially to the extent of non-performance, without any further right or obligation on the part of the COMPANY, except for the payment of money then due. No notice shall be served by the COMPANY under the condition stated above.

h) Notwithstanding any provisions herein to the contrary, the Contract may be terminated at any time by the COMPANY on giving 30 (thirty) days written notice to the CONTRACTOR due to any other reason not covered under the above Article from (a) to (g) and in the event of such termination the COMPANY shall not be liable to pay any cost or damage to the CONTRACTOR except for payment of services as per the Contract upto the date of termination.

i) **Consequence of Termination:** In all cases of termination herein set forth, the relative obligations of the parties to the Contract shall be limited to the period up to the date of termination. Notwithstanding the termination of this Contract, the parties shall continue to be bound by the provisions of this Contract that reasonably require some action or forbearance after such termination.

Upon termination of this Contract, CONTRACTOR shall return to COMPANY all of COMPANY's properties, which are at the time in CONTRACTOR's possession.

In the event of termination of contract, COMPANY will issue Notice of termination of the contract with date or event after which the contract will be terminated. The contract shall then stand terminated and the CONTRACTOR shall demobilize their personnel & materials. No demobilization charges shall be payable by COMPANY in case of Article from (d) to (g).

32.0 SUB-LETTING: The contractor shall not sub-let the WHOLE of the Works. Except where otherwise provided by the contract, the Contractor shall not sub-let any PART of the Works without the written consent of the Engineer-in-Charge and such consent, if given, shall not relieve the Contractor from any liability or obligation under the Contract and he shall be responsible for the acts, defaults or neglects of any sub-contractor, his agents, servants or workmen, provided always that the provision of labour on a piece-work basis shall not be deemed to be a sub-letting under this Clause.

IN WITNESS thereof, each party has executed this contract at Duliajan, Assam as of the date shown above.

Signed, Sealed and Delivered,

For and on behalf of Contractor	**For and on behalf of Company**
M/s. _____ Address _____ _____	Oil India Limited Duliajan, Dibrugarh Assam- 786602
Signature _____ Name of Signatory _____	Signature _____ Name of Signatory _____
Seal of Contractor's firm	Seal of Signatory
(In presence of) Signature _____ Name _____	(In presence of) Signature _____ Name _____

WORKS CONTRACT

SCHEDULE OF WORK, UNIT AND QUANTITY

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
GROUP A: MAIN OFFICE BUILDING (G+03)					
SECTION A:CIVIL WORKS EXCLUDING PLUMBING					
10	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	M3	99.86	2194.84	219176.72
20	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50metres lead as per direction of Engineer-in-charge. : In cement mortar	M3	49.93	1272.27	63524.44
30	Dismantling wood work in frames, trusses, purlins and rafters up to 10metres span and 5 metres height including stacking the material within50 metres lead : Of sectional area 40 square centimetres and above	M3	24.97	2836.84	70835.89
40	Dismantling roofing including ridges, hips, valleys and gutters etc. and stacking the material within 50 metres lead of : G.S. Sheet	M2	665.76	104.11	69312.27
50	Dismantling roofing including ridges, hips, valleys and gutters etc.and stacking the material within 50 metres lead of : Asbestos Cement sheet	M2	50.00	48.80	2440.00
60	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in : Channels, angles, tees and flats	KG	2436.00	1.47	3580.92
70	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	KG	50.00	3.61	180.50
80	Dismantling expanded metal or I.R.C. fabrics with necessary battens and beading including stacking the serviceable material within 50 metres lead.	M2	68.04	47.39	3224.42
90	Dismantling cement asbestos or other hard board ceiling or partition walls	M2	199.73	35.88	7166.31

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.				
100	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge : 15 mm to 40 mm nominal bore	M	60.00	94.71	5682.60
110	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer- in-charge.	M2	30.00	35.89	1076.70
120	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting,unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	M3	112.00	215.52	24138.24
130	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below	EA	89.00	233.27	20761.03
140	Dismantling of old S.W. pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50 m lead and disposal of unserviceable materials into municipal dumps : 100 mm diameter	M	60.00	54.89	3293.40
150	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15cm deep and disposal of rubbish, lead up to50m and lift up to 1.5m All kinds of soil	M2	1500.00	21.05	31575.00
160	Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth up to 30 cm measured at a height of 1m above ground level and removal of rubbish	M2	1500.00	10.85	16275.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	up to a distance of 50moutside the periphery of the area cleared.				
170	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 30 cm girth upto and including 60cm girth	EA	21.00	330.10	6932.10
180	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120cm girth	EA	2.00	1467.42	2934.84
190	Hydraulic Excavator (3D) with driver and fuel	DAY	8.00	7850.00	62800.00
200	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge. All kinds of soil	M3	2405.62	142.91	343787.15
210	Filling available excavated earth (excluding rock) in trenches, plinth,sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to50 and for all lift.	M3	1683.94	121.88	205238.61
220	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	M3	805.93	1901.70	1532637.08
230	Brick on edge flooring with bricks of class designation 7.5 on a bed of12 mm cement mortar, including filling the joints with same mortar, with common burnt clay non modular bricks : 1:6 (1cement : 6 coarse sand)	M2	936.27	1361.31	1274553.71
240	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources	M3	141.10	7080.55	999065.61

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	: 6 graded stone aggregate 20 mm nominal size derived from natural sources)				
250	Providing and laying damp-proof course 50 mm thick with cement concrete1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources: 4 graded stone aggregate 20 mm nominal size derived from natural sources).	M2	129.68	444.67	57664.81
260	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturers specification. (Unit: per bag of 50kg cement used)	BAG	42.67	14.82	632.37
270	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge,for the following grades of concrete.: in design mix shall be payable separately. In case the cement content in design mix is more than 110%of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works upto plinth level : Concrete of M25 grade with minimum cement content of 330 kg /cum	M3	762.64	8629.68	6581339.16
280	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to	M3	1040.83	8920.06	9284266.05

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing,carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge,for the following grades of concrete.: in design mix shall be payable separately. In case the cement content in design mix is more than 110%of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works above plinth level upto floor V level : Concrete of M25 grade with minimum cement content of 330 kg /cum				
290	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	M2	899.07	278.69	250561.82
300	Centering and shuttering including strutting, propping etc. and removal of form for : Walls (any thickness) including attached pilasters,butteresses, plinth and string courses etc.	M2	453.00	572.77	259464.81
310	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers andcantilevers	M2	2887.79	509.09	1470145.01
320	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts	M2	1767.16	661.99	1169842.25
330	Centering and shuttering including strutting, propping etc. and removal of form for : Stairs, (excluding landings) except spiral-staircases	M2	587.88	532.01	312758.04
340	Centering and shuttering including strutting, propping etc. and removal of form for Edges of slabs and breaks in floors and walls : Under 20 cm wide	M	499.20	148.40	74081.28
350	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform with water proof ply 12 mm	M2	3375.64	711.33	2401194.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	thick				
360	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:4 (1cement : 4 coarse sand)	M3	64.24	11142.95	715823.11
370	Providing and laying Autoclaved Aerated concrete(AAC) blocks masonry with 150 mm to 300 mm thick with Grade-1 AAC blocks of density 551 to650 kg/cum conforming to IS:2185 (Part 3) in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for seperately).	M3	583.67	6163.33	3597350.82
380	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	M2	11084.99	241.41	2676027.44
390	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1cement : 3 coarse sand), finished with a floating coat of neat cement. :18 mm thick	M2	162.12	458.65	74356.34
400	Providing and laying Vitrified tiles in floor in different sizes(thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand &manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry@3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier,wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. : Glazed vitrified floor tiles polished finish : Size of Tile 600 x 1200 mm.	M2	1545.10	1403.03	2167821.65
410	Providing and laying Vitrified tiles in floor in different sizes(thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved	M2	816.80	1121.23	915820.66

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	brand &manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry@3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. : Double charge vitrified tile polished finish : Size of Tile 600 x 600 mm.				
420	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thickstone slab over 20 mm (average) thick base of cement mortar 1:4 (1cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge : Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	M2	950.45	2457.17	2335417.23
430	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. : Granite work	M	282.00	343.99	97005.18
440	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	M	32.64	395.89	12921.85
450	Extra for providing opening of required size & shape for wash basin/kitchen sink in kitchen platform, vanity counter and similar location inmarble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and	EA	8.00	661.51	5292.08

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	polishing of cut edges etc. complete.				
460	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/ Chowkhatcomprising of virgin PVC polymer of K value 58-60 (Suspension Grade),calcium carbonate and natural fibers (wood powder/ rice husk/ wheathusk) and non toxic additives (maximum toxicity index of 12 for 100 gms)fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face)& 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S holdfast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately). dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plusside shall be acceptable but no extra payment on this account shall be made. : Frame size 65 x 125 mm	M	578.91	1101.79	637837.25
470	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid decorative type flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade),calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk)and non toxic additives (maximum toxicity index of 12 for 100 gms)having minimum density of 650 kg/cum and screw withdrawal strength of1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm2,modulus of elasticity 850 N/mm2 and resistance to spread of	M2	257.28	4392.20	1130025.22

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	flame of Class A category with property of being termite/borer proof,water/moisture proof and fire retardant. WPC to be laminated with PVC foil of minimum 14 microns thick of approved design pasted with hot melt adhesive on both faces of shutter and fixing with stainless steel but hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge.(Note: stainless steel butt hinges and necessary S.S screws shall be paid separately) : 35 mm thick				
480	Providing and fixing fire resistant door frame of section 143 x 57 mm having built in rebate made out of 16 SWG G.I. sheet (zinc coating notless than 120 gm/sqm) duly filled with vermuculite based concrete mix,suitable for mounting 60 minutes fire rated door shutters. The frame isfitted with intumuscent fire seal strip of size 10x4 mm (minimum)alround the frame and fixing with dash fastener of approved size and make, including applying a coat of approved brand fire resistant primer etc. complete as per direction of Engineer-in-charge (Dash fastener to be paid for separately).	M	18.90	1395.52	26375.33
490	Providing and fixing 50 mm thick glazed fire resistant door shutters of60 minutes fire rating conforming to IS:3614 (Part-II), tested and certified as per laboratory approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, lockrail, top rail 100 mm wide, bottom rail 200 mm wide, made out of 16 SWGG.I.sheet (zinc coating not less than 120 gm/sqm) duly filled FRinsulation material and fixing with necessary stainless steel ball bearing hinges of approved make, including applying a coat of approved fire resistant primer etc. all complete as per direction of Engineer-in-charge (panneling to be paid for separately).	M2	9.18	6150.41	56460.76
500	CONSTRUCTION OF 150MM (CONSOLIDATED) GRANULAR SUB-	M2	587.17	125.06	73431.48

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	BASE consolidated by dry rolling to proper grade including providing well compacted berms with earth on either side 1.2m wide levelled with finished road surface, dressing sub-grade including cutting surface upto75mm deep to required level and as per clause 401. (Road roller supplied by contractor).				
510	CONSTRUCTION OF WATER BOUND MACADAM base course 100mm thick(Wearing course) and Surfacing Course (sealing coat) with loose hand broken metal of size 63mm and graded down to 45mm rolled dry to proper compaction, grade and camber and wet rolling after placing bindage of loamy earth and finally sealing the compacted surface with a 25mm thick layer of sand shingles (Ref. to MoRTH Spec.404) and as directed as applied over new consolidated surface. (Road roller supplied by contractor).	M2	587.17	151.97	89232.22
520	Supply of approved quality granular materials from approved quarry, free form organic matter including stacking in measurable stacks as directed.	M3	102.75	1471.43	151189.43
530	Supply of Hand broken hard stone metal from river boulderfairly cubical in shape, free from dust/dirt disingrated pieces, organic and other foreign matters(63mm to 45mm graded)	M3	73.40	2433.93	178650.46
540	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over50 mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. : 80 mm thick C.C. paver block of M-	M2	587.17	857.94	503756.63

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	35grade with approved colour design and pattern.				
550	Providing and fixing of façade at all heights with extruded hollow Clay/ Terracotta ventilated rainscreen tiles of height 259/ 309/ 409 mm and length of 1190 mm of approved texture,design and pattern having Flexural Strength/ Modulus of Rupture of # 14 N/m² and maximum water absorption of 10% tested as per ISO 10545-4:2004(E) and ISO 10545-3:1995respectively in true level fixed to a supporting aluminium framework(Alloy 6063 T5/T6) consisting of vertical 'T' (for intermediates)/ 'L'(for ends/ termination)/ Tubular sections (at corners)of size 80x60x2mm/ 40x60x2 mm/ 40x40x2 mm respectively, spaced at maximum spacing of1200 mm c/c matching to the tile vertical grid, and horizontal aluminium'C'-clamps of size 56x34x2 mm thickness of length 150 mm at junction oftiles and of length 75 mm at wall ends/ corners fixed on top of thevertical sections at spacing of 250/ 300/ 400 mm c/c matching to thetile horizontal grid with two numbers of self-drilling / self-tapping SSscrews of size 5.5x25 mm with EPDM washers. The vertical 'T'/'L/Tubular' sections shall be fixed to the wall using HDG(hot-dip-galvanized) steel L-brackets (galvanizing thickness of minimum80 microns) of size 110x80x6 mm at intermediate vertical aluminium profiles and of size 220x110x12 mm at outer corners and stainless steelgrade 304,M10 full threaded anchor fasteners with nylon sleeve 100 mmlong (for brick work) and M8 expans	M2	44.43	4560.99	202644.79
560	Providing and fixing factory made uPVC glazed/wire mesh windows/doorscomprising of lead free uPVC multi-chambered frame, sash andmullion/coupler (where ever required) extruded profiles having minimumwall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm forSeries R3 and R4 profiles	M2	22.19	7861.18	174439.58

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	conforming to EN: 12608 in any shape, colourand design duly reinforced with galvanized mild steel section made ofrequired shape & size as per CPWD Specification, uPVC extruded glazingbeads, interlocks and Inline sash adaptor (where ever required) ofappropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners ofminimum 8 mm dia with countersunk head, comprising of matching polyamidePA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part1 to 14, plastic packers, plastic caps and necessary stainless steelscrews etc. Profile of frame, sash & mullion (if required) shall bemitred cut and fusion welded/mechanically jointed duly sealed at allcorners, including drilling of holes for fixing hardware and drainage ofwater etc. After fixing frame the gap between frame and adjacentfinished wall shall be filled with weather proof silicon sealant overbacker rod of approved size and quality, all complete as per approveddrawing conforming to CPWD specification & direction ofEngineer-in-Charge. Section of steel reinforcement and cross sections ofuPVC profiles to be as per design ap				
570	Providing and fixing factory made uPVC glazed/wire mesh windows/doorscomprising of lead free uPVC multi-chambered frame, sash andmullion/coupler (where ever required) extruded profiles having minimumwall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm forSeries R3 and R4 profiles conforming to EN: 12608 in any shape, colourand design duly reinforced with galvanized mild steel section made ofrequired shape & size as per CPWD Specification, uPVC extruded glazingbeads, interlocks and Inline sash adaptor (where ever required) ofappropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners ofminimum 8 mm dia with countersunk head, comprising of matching polyamidePA6 grade sleeve	M2	138.06	8073.26	1114594.28

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	for fixing frame to finished wall as per IS 1367 : Part1 to 14, plastic packers, plastic caps and necessary stainless steelscrews etc. Profile of frame, sash & mullion (if required) shall bemitred cut and fusion welded/mechanically jointed duly sealed at allcorners, including drilling of holes for fixing hardware and drainage ofwater etc. After fixing frame the gap between frame and adjacentfinished wall shall be filled with weather proof silicon sealant overbacker rod of approved size and quality, all complete as per approveddrawing conforming to CPWD specification & direction ofEngineer-in-Charge. Section of steel reinforcement and cross sections ofuPVC profiles to be as per design ap				
580	Providing and fixing factory made uPVC glazed/wire mesh windows/doorscomprising of lead free uPVC multi-chambered frame, sash andmullion/coupler (where ever required) extruded profiles having minimumwall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm forSeries R3 and R4 profiles conforming to EN: 12608 in any shape, colourand design duly reinforced with galvanized mild steel section made ofrequired shape & size as per CPWD Specification, uPVC extruded glazingbeads, interlocks and Inline sash adaptor (where ever required) ofappropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners ofminimum 8 mm dia with countersunk head, comprising of matching polyamidePA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part1 to 14, plastic packers, plastic caps and necessary stainless steelscrews etc. Profile of frame, sash & mullion (if required) shall bemitred cut and fusion welded/mechanically jointed duly sealed at allcorners, including drilling of holes for fixing hardware and drainage ofwater etc. After fixing frame the gap between frame and adjacentfinished wall shall be filled with weather proof silicon	M2	247.61	5330.38	1319855.39

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	sealant overbacker rod of approved size and quality, all complete as per approveddrawing conforming to CPWD specification & direction ofEngineer-in-Charge. Section of steel reinforcement and cross sections ofuPVC profiles to be as per design ap				
590	Providing and fixing factory made uPVC glazed/wire mesh windows/doorscomprising of lead free uPVC multi-chambered frame, sash andmullion/coupler (where ever required) extruded profiles having minimumwall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm forSeries R3 and R4 profiles conforming to EN: 12608 in any shape, colourand design duly reinforced with galvanized mild steel section made ofrequired shape & size as per CPWD Specification, uPVC extruded glazingbeads, interlocks and Inline sash adaptor (where ever required) ofappropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners ofminimum 8 mm dia with countersunk head, comprising of matching polyamidePA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part1 to 14, plastic packers, plastic caps and necessary stainless steelscrews etc. Profile of frame, sash & mullion (if required) shall bemitred cut and fusion welded/mechanically jointed duly sealed at allcorners, including drilling of holes for fixing hardware and drainage ofwater etc. After fixing frame the gap between frame and adjacentfinished wall shall be filled with weather proof silicon sealant overbacker rod of approved size and quality, all complete as per approveddrawing conforming to CPWD specification & direction ofEngineer-in-Charge. Section of steel reinforcement and cross sections ofuPVC profiles to be as per design ap	M2	13.50	10778.00	145503.00
600	Providing and fixing factory made uPVC glazed/wire mesh windows/doorscomprising of lead free uPVC multi-chambered frame, sash andmullion/coupler (where ever	M2	18.36	10202.29	187314.04

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	required) extruded profiles having minimumwall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm forSeries R3 and R4 profiles conforming to EN: 12608 in any shape, colourand design duly reinforced with galvanized mild steel section made ofrequired shape & size as per CPWD Specification, uPVC extruded glazingbeads, interlocks and Inline sash adaptor (where ever required) ofappropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners ofminimum 8 mm dia with countersunk head, comprising of matching polyamidePA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part1 to 14, plastic packers, plastic caps and necessary stainless steelscrews etc. Profile of frame, sash & mullion (if required) shall bemitred cut and fusion welded/mechanically jointed duly sealed at allcorners, including drilling of holes for fixing hardware and drainage ofwater etc. After fixing frame the gap between frame and adjacentfinished wall shall be filled with weather proof silicon sealant overbacker rod of approved size and quality, all complete as per approveddrawing conforming to CPWD specification & direction ofEngineer-in-Charge. Section of steel reinforcement and cross sections ofuPVC profiles to be as per design ap				
610	Providing and fixing factory made uPVC glazed/wire mesh windows/doorscomprising of lead free uPVC multi-chambered frame, sash andmullion/coupler (where ever required) extruded profiles having minimumwall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm forSeries R3 and R4 profiles conforming to EN: 12608 in any shape, colourand design duly reinforced with galvanized mild steel section made ofrequired shape & size as per CPWD Specification, uPVC extruded glazingbeads, interlocks and Inline sash adaptor (where ever required) ofappropriate dimension,	M2	11.48	9718.73	111571.02

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	EPDM gasket, hardware, SS 304 grade fasteners ofminimum 8 mm dia with countersunk head, comprising of matching polyamidePA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part1 to 14, plastic packers, plastic caps and necessary stainless steelscrews etc. Profile of frame, sash & mullion (if required) shall bemitred cut and fusion welded/mechanically jointed duly sealed at allcorners, including drilling of holes for fixing hardware and drainage ofwater etc. After fixing frame the gap between frame and adjacentfinished wall shall be filled with weather proof silicon sealant overbacker rod of approved size and quality, all complete as per approveddrawing conforming to CPWD specification & direction ofEngineer-in-Charge. Section of steel reinforcement and cross sections ofuPVC profiles to be as per design ap				
620	Float glass panes of nominal thickness 5 mm (weight not less than 12.50kg/sqm)	M2	173.75	529.00	91913.75
630	Toughened glass 12 mm thickness	M2	307.70	1925.00	592322.50
640	Providing and fixing mineral fibre false ceiling tiles at all heights ofsize 595X595 mm of approved texture, design and pattern. The tilesshould have Humidity Resistance (RH) of 99%, Light Reflectance # 85%,Thermal Conductivity k = 0.052 - 0.057 w/m K, Fire Performance as per(BS 476 pt - 6 &7)in true horizontal level suspended on interlockingT-Grid of hot dipped all round galvanized iron section of 0.33 mm thick(galvanized @120 gsm) comprising of main T runners of 15x32 mm of length3000 mm, cross T of size 15x32 mm of length 1200 mm and secondaryintermediate cross T of size 15x32 mm of length 600 mm to form gridmodule of size 600x600 mm suspended from ceiling using galvanized mildsteel item (galvanised@80gsm) 50 mm long 8 mm outer diameter M-6 dashfasteners, 6 mm diameter fully threaded hanger rod up to 1000 mm lengthand L-shape level adjuster of size 85x25x2 mm,	M2	693.80	2095.06	1453552.63

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	spaced at 1200 mm centreto centre along main 'T'. The system should rest on periphery walls/partitions with the help of GI perimeter wall angle of size24x24X3000mm made of 0.40 mm thick sheet, to be fixed to the wall with help ofplastic rawl plug at 450 mm centre to centre & 40 mm long dry wall S.S.screws. The exposed bottom portion of all T-sections used in falseceiling support system shall be pre-painted with polyester baked paint,for all heights. The work shall be carried out as per specifications,drawings and as pe				
650	Providing and fixing tiled false ceiling of specified materials of size595x595 mm in true horizontal level, suspended on inter locking metalgrid of hot dipped galvanized steel sections (galvanized @ 120 grams/sqm, both side inclusive) consisting of main "T" runner with suitablyspaced joints to get required length and of size 24x38 mm made from 0.30mm thick (minimum) sheet, spaced at 1200 mm center to center and cross"T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm longspaced between main "T" at 600 mm center to center to form a grid of1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mmmade of 0.30 mm thick (minimum) sheet to be interlocked at middle of the1200x600 mm panel to form grids of 600x600 mm and wall angle of size24x24x0.3 mm and laying false ceiling tiles of approved texture in thegrid including, required cutting/making, opening for services likediffusers, grills, light fittings, fixtures, smoke detectors etc. Main"T" runners to be suspended from ceiling using GI slotted cleats of size27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm longdash fasteners, 4 mm GI adjustable rods with galvanised butterfly levelclips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center alongmain T, bottom exposed width of 24 mm of all	M2	811.56	1603.21	1301101.11

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	T-sections shall bepre-painted with polyester paint, all complete for all heights as perspecifi				
660	Providing and fixing 8mm thick PVC Panel ceiling of 10" x 12'0"size asper area requirement including providing and fixing of frame work madeof GI Sections with thickness 0.3mm , weight0.8 kg and length 12'0".Perimeter, Angle and Inter will be as per section weight. Sections areplaced at a distance of 18" from one another. All support is taken fromthe ceiling and fixation is done with 1" Star Screw and PVC Gutka.Finishing height of the ceiling will be 4" below beam level. PVC profiles will be used for corner sand joints between the panels. PVC Profileswill be fixed using 1"screws in the wall and on the sections and forjoints Flexwik glue will be used.	M2	42.56	1627.23	69254.91
670	Providing and supplying aluminium extruded tubular and other aluminiumsections as per the architectural drawings and approved shop drawings ,the aluminium quality as per grade 6063 T5 or T6 as per BS 1474,including super durable powder coating of 60-80 microns conforming toAAMA 2604 of required colour and shade as approved by theEngineer-in-Charge. (The item includes cost of material such as cleats,sleeves, screws etc. necessary for fabrication of extruded aluminiumframe work. Nothing extra shall be paid on this account). The weight ofaluminium extruded section shall be taken for purpose of payment.	KG	3826.35	338.24	1294224.62
680	Designing, fabricating, testing, protection, installing and fixing inposition semi (grid) unitized system of structural glazing (with openjoints) for linear as well as curvilinear portions of the building forall heights and all levels, including: (a) Structural analysis & designand preparation of shop drawings for the specified design loadsconforming to IS 875 part III (the system must passed the proof test at1.5 times design wind pressure	M2	442.28	2866.10	1267618.71

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	without any failure), includingfunctional design of the aluminum sections for fixing glazing panels ofvarious thicknesses, aluminium cleats, sleeves and splice plates etc.gaskets, screws, toggles, nuts, bolts, clamps etc., structural andweather silicone sealants, flashings, fire stop (barrier)- cum-smokeseals, microwave cured EPDM gaskets for water tightness, pressureequalisation & drainage and protection against fire hazard including:(b) Fabricating and supplying serrated M.S. hot dip galvanised /Aluminium alloy of 6005 T5 brackets of required sizes, sections andprofiles etc. to accommodate 3 Dimentional movement for achievingperfect verticality and fixing structural glazing system rigidly to theRCC/ masonry/structural steel framework of building structure usingstainless steel anchor fasteners/ bolts, nylon seperator to preventbimetallic contacts with nuts and washers etc. of stainless steel grade316, of the required capacity and in required				
690	Providing, assembling and supplying vision glass panels (IGUs)comprising of hermetically-sealed 6-12- 6 mm insulated glass (doubleglazed) vision panel units of size and shape as required and specified,comprising of an outer heat strengthened float glass 6 mm thick, ofapproved colour and shade with reflective soft coating on surface # 2 ofapproved colour and shade, an inner Heat strengthned clear float glass 6mm thick, spacer tube 12 mm wide, dessicants, including primary seal andsecondary seal (structural silicone sealant) etc. all complete for therequired performances, as per the Architectural drawings, as per theapproved shop drawings, as specified and as directed by the Engineer-in-Charge. The IGUs shall be assembled in the factory/ workshop of theglass processor. (Payment for fixing of IGU Panels in	M2	442.28	3036.09	1342801.89

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	the curtainglazing is included in cost of item No.25.2) For payment, only theactual area of glass on face # 1 of the glass panels (excluding theareas of the grooves and weather silicone sealant) provided and fixed inposition, shall be measured in sqm. (i) Coloured tinted float glass 6 mmthick substrate with reflective soft coating on face # 2, + 12 mm Airgap+ 6 mm Heat Strengthened clear Glass of approved make having propertiesas visible Light transmittance (VLT) of 25 to 35 %, Light reflectioninternal 10 to 15%, light reflection external 10 to 20 %, shadingcoefficient (0.25- 0.				
700	Extra for openable side / top hung vision glass panels (IGUs) includingproviding and supplying at site all accessories and hardwares for theopenable panels as specified and of the approved make such as heavy dutystainless steel friction hinges, min 4 -point cremone locking sets withstainless steel plates, handles, buffers etc. including necessarystainless steel screws/ fasteners, nuts, bolts, washers etc. allcomplete as per the Architectural drawings, as per the approved shopdrawings, as specified and as directed by the Engineer- in-Charge.	M2	132.69	2997.55	397744.91
710	Providing and supplying Spandrel Glass Panels comprising of 6 mm thickheat strengthened monolithic float glass of approved colour and shadewith reflective soft coating on surface # 2 of approved colour and shadeso as to match the colour and shade of the IGUs in the vision panelsetc. ,all complete for the required performances as specified, as perthe Architectural drawings, as per the approved shop drawings, asspecified, and as directed by the Engineer- in- Charge. For payment,only the actual area of glass on face # 1 of the glass panels (butexcluding the area of grooves and weather silicone sealant) provided andfixed in position, shall be measured in sqm. (Payment for fixing	M2	132.69	2000.41	265434.40

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	ofSpandrel Glass Panels in the curtain glazing is included in cost ofrelevent Item*).“(i) Coloured tinted float glass 6 mm thick substratewith reflective soft coating on face # 2, having properties as visibleLight transmittance (VLT) of 25 to 35 %, Light reflection internal 10 to15%, light reflection external 10 to 20 %, shading coefficient (0.25-0.28) and U value of 3.0 to 3.3 W/m2 K etc. . The properties ofperformance glass shall be decided by technical sanctioning authority asper the site requirement.				
720	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level.: Thermo-Mechanically Treated bars of grade Fe-500D or more.	KG	205345.15	84.81	17415322.17
730	Providing and fixing M.S. grills of required pattern in frames ofwindows etc. with M.S. flats, square or round bars etc. includingpriming coat with approved steel primer all complete. : Fixed toopenings /wooden frames with rawl plugs screws etc.	KG	5653.35	175.60	992728.26
740	Providing and fixing in position collapsible steel shutters withvertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mmsize, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	M2	17.53	8150.07	142870.73
750	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. : Hot finished seamless type tubes	KG	382.24	155.80	59552.99
760	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with	KG	1177.96	603.75	711193.35

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners ,stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).				
770	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	M2	11084.99	111.94	1240853.78
780	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	M2	2331.01	112.32	261819.04
790	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/litre of approved brand and manufacture, including applying additionalcoats wherever required to achieve even shade and colour. : Two coats	M2	8753.98	94.90	830752.70
800	Applying priming coats with primer of approved brand and manufacture,having low VOC (Volatile Organic Compound) content. : With waterthinnable cement primer on wall surface having VOC content less than 50grams/litre	M2	11084.99	48.49	537511.17
810	Finishing with Deluxe Multi surface paint system for interiors andexteriors using Primer as per manufacturers specifications : Paintingwood work with Deluxe Multi Surface Paint of required shade. Two or morecoat applied @ 0.90 ltr/10 sqm over an under coat of primer applied@0.75 ltr/10 sqm of approved brand and manufacture	M2	252.92	125.10	31640.29
820	Finishing with Deluxe Multi surface paint system for interiors andexteriors	M2	161.38	120.57	19457.59

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	using Primer as per manufacturers specifications : PaintingSteel work with Deluxe Multi Surface Paint to give an even shade. Two ormore coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied@ 0.80 ltr/10 sqm of approved brand and manufacture				
830	Providing and fixing bright finished brass butt hinges with necessaryscrews etc. complete : 125x85x5.5 mm (heavy type)	EA	288.00	215.37	62026.56
840	Providing and fixing bright finished brass tower bolts (barrel type)with necessary screws etc. complete : 250x10 mm	EA	192.00	359.19	68964.48
850	Providing and fixing bright finished brass 100 mm mortice latch with onedead bolt and a pair of lever handles of approved quality with necessaryscrews etc. complete.	EA	91.00	570.33	51900.03
860	Providing and fixing bright finished brass handles with screws etc.complete : 125 mm	EA	184.00	208.73	38406.32
870	Providing and fixing aluminium die cast body tubular type universalhydraulic door closer (having brand logo with ISI, IS : 3564, embossedon the body, door weight upto 35 kg and door width upto 700 mm), withnecessary accessories and screws etc. complete.	EA	96.00	899.08	86311.68
880	Providing and fixing aluminium sliding door bolts, ISI marked anodised(anodic coating not less than grade AC 10 as per IS : 1868), transparentor dyed to required colour or shade, with nuts and screws etc. complete: 300x16 mm	EA	91.00	240.86	21918.26
890	Zinc alloy (white powder coated) handles with zinc plated mild steelmulti point locking having transmission gear, cylinder with keeps andone side key for uPVC casement door	FSM	7.00	3030.00	21210.00
900	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand (zone-III) derived from natural sources : 6 graded stoneaggregate 20 mm nominal size derived from natural sources) over 75 mmthick bed of dry brick ballast 40 mm nominal size, well rammed andconsolidated and grouted with fine	M2	131.04	628.40	82345.54

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	sand, including necessary excavation,levelling & dressing & finishing the top smooth.				
910	Supplying chemical emulsion in sealed containers including delivery asspecified. Chlorpyriphos/Lindane emulsifiable concentrate of 20%	L	73.38	191.84	14077.22
920	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONALanti-termite treatment (excluding the cost of chemical emulsion): Alongthe external wall below concrete or masonry apron using chemicalemulsion @2.25 litres per linear metre including drilling and pluggingholes etc.: With Chlorpyriphos/Lindane E.C. 20% with 1% concentration	M	124.80	35.29	4404.19
930	Providing and laying water proofing treatment in sunken portion of WCs,bathroom etc., by applying cement slurry mixed with water proofingcement compound consisting of applying : (a) First layer of slurry ofcement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Secondlayer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	M2	176.59	424.62	74983.65
940	Water proofing treatment of RCC sunshade with Zycosil/equivalent waterproofing Solution (1 litre of Zycosil/equivalent & 20 litres of water stirred first & 2 litres of Zyco prime/equivalent added and stirred(total 23 litres)) till it meets the saturation level and testing as per RILEM or by water drops test in which water drops do not absorb but drops remain or rolls.	M2	1037.20	99.33	103025.08
950	Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1	M2	1037.20	854.67	886463.72

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge. shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75 mm size cube crushing strength at the end of 28days to be not less than 30 N/Sqmm2).: 50 mm average thickness in 3layers.				
960	Grading roof for water proofing treatment with: Cement concrete 1:2:4(1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	M3	51.86	7630.08	395695.95
970	Grading roof for water proofing treatment with: Cement mortar 1:3 (1cement: 3 coarse sand)	M3	41.49	11588.93	480824.71
980	Providing and applying fibre reinforced elastomeric liquid waterproofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats@10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect asper the direction of Engineer- in-Charge.	M2	1037.20	432.82	448920.90
990	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube1.5 m centre to centre, horizontal & vertical tubes joining with cup &lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S.staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as	M2	1960.92	239.59	469816.82

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	approved and removing it there after. The scaffolding system shall bestiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding. deduction for scaffolding in the existing item to be done.				
SECTION B:WATER SUPPLY, SANITARY & SEPTIC TANK					
10	Providing and fixing white vitreous china extended wall mounting watercloset of size 780x370x690 mm of approved shape including providing &fixing white vitreous china cistern with dual flush fitting, of flushingcapacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), includingseat cover, and cistern fittings, nuts, bolts and gasket etc complete.	EA	18.00	11767.41	211813.38
20	Providing and fixing water closet squatting pan (Indian type W.C. pan)with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever) conforming to IS : 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floorswherever required : White Vitreous china Orissa pattern W.C. pan of size580x440 mm with integral type foot rests	EA	7.00	5080.32	35562.24
30	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, includingpainting of fittings and brackets, cutting and making good the wallswherever require : White Vitreous China Wash basin size 630x450 mm witha pair of 15 mm C.P. brass pillar taps	EA	22.00	2162.64	47578.08
40	Providing and fixing white vitreous china pedestal for wash	EA	22.00	1374.35	30235.70

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	basincompletely recessed at the back for the reception of pipes and fittings.				
50	Providing and fixing white vitreous china battery based infrared sensoroperated urinal of approx. size 610 x 390 x 370 mm having pre & postflushing with water (250 ml & 500 ml consumption), having water inletfrom back side, including fixing to wall with suitable brackets all asper manufacturers specification and direction of Engineer-in-charge.	EA	18.00	6342.63	114167.34
60	Providing and fixing one piece construction white vitreous chinasquatting plate with an integral longitudinal flushing pipe, whiteP.V.C. automatic flushing cistern, with fittings, standard size G.I. /PVC flush pipe for back and front flush with standard spreader pipeswith fittings, G.I clamps and C.P. brass coupling complete, includingpainting of fittings and cutting and making good the walls and floorsetc. wherever required : Single squatting plate with 5 litre P.V.C.automatic flushing cistern	EA	4.00	6593.31	26373.24
70	Providing & fixing chrome plated brass battery based infrared sensoroperated pillar cock, having foam flow technology. : 15 mm nominal bore	EA	22.00	7187.71	158129.62
80	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink asper IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required: Kitchen sink with drain board : 510x1040 mm bowl depth 250 mm	EA	4.00	5388.79	21555.16
90	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	EA	5.00	1162.50	5812.50
100	Providing and fixing PTMT soap Dish Holder having length of 138 mm, breadth 102 mm, height of 75 mm with concealed fitting arrangements, weighing not less than 106 gms.	EA	23.00	91.00	2093.00
110	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high	EA	23.00	137.46	3161.58

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.				
120	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	EA	23.00	189.37	4355.51
130	Providing and fixing toilet paper holder : C.P. brass	EA	22.00	599.12	13180.64
140	Providing and fixing PTMT Bottle Trap for Wash basin and sink. : Bottle trap 31 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms	EA	24.00	299.71	7193.04
150	Providing and fixing on wall face un plasticised Rigid PVC rain waterpipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i)Single socketed pipes. : 110 mm diameter	M	414.00	283.73	117464.22
160	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming toIS : 13592 Type A, including jointing with seal ring conforming to IS :5382, leaving 10 mm gap for thermal expansion. Single tee with door :110x110x110 mm	EA	32.00	191.16	6117.12
170	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming toIS : 13592 Type A, including jointing with seal ring conforming to IS :5382, leaving 10 mm gap for thermal expansion. Single tee without door :110x110x110 mm	EA	22.00	180.71	3975.62
180	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming	EA	40.00	122.76	4910.40

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	toIS : 13592 Type A, including jointing with seal ring conforming to IS :5382, leaving 10 mm gap for thermal expansion. Bend 87.5° : 110 mm bend				
190	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming toIS : 13592 Type A, including jointing with seal ring conforming to IS :5382, leaving 10 mm gap for thermal expansion. Shoe (Plain) : 110 mmShoe	EA	20.00	107.66	2153.20
200	Providing and fixing unplasticised - PVC pipe clips of approved design tounplasticised - PVC rain water pipes by means of 50x50x50 mm hard woodplugs, screwed with M.S. screws of required length, including cuttingbrick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand)and making good the wall etc. complete. : 110 mm	EA	30.00	249.93	7497.90
210	Providing and fixing to the inlet mouth of rain water pipe cast irongrating 15 cm diameter and weighing not less than 440 grams.	EA	12.00	44.64	535.68
220	Providing and fixing PTMT grating of approved quality and colour.Circular type : 100 mm nominal dia	EA	39.00	30.71	1197.69
230	Providing and fixing mirror of superior glass (of approved quality) andof required shape and size with plastic moulded frame of approved makeand shade with 6 mm thick hard board backing : Rectangular shape1500x450 mm	EA	22.00	1576.21	34676.62
240	Providing and fixing square-mouth S.W. gully trap class SP-1 completewith C.I. grating brick masonry chamber with water tight C.I. cover withframe of 300 x 300 mm size (inside) the weight of cover to be not lessthan 4.50 kg and frame to be not less than 2.70 kg as per standarddesign: 100x100 mm size P type : With Sewer bricks conforming to IS :4885	EA	15.00	2938.37	44075.55
260	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brickhoney comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 mlong complete as per standard	EA	1.00	25769.64	25769.64

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	design. : With common burnt clay F.P.S.(non modular) bricks of class designation 7.5				
270	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1metre long with S.S. triangular plate to Eureopean type W.C. of qualityand make as approved by Engineer - in - charge.	EA	22.00	285.05	6271.10
280	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, havingthermal stability for hot & cold water supply, including all CPVC plain& brass threaded fittings and fixing the pipe with clamps at 1.00 mspacing. This includes jointing of pipes & fittings with one step CPVCsolvent cement and the cost of cutting chases and making good the sameincluding testing of joints complete as per direction of Engineer inCharge. Concealed work, including cutting chases and making good thewalls etc. : 15 mm nominal dia Pipes	M	360.00	349.52	125827.20
290	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, havingthermal stability for hot & cold water supply, including all CPVC plain& brass threaded fittings and fixing the pipe with clamps at 1.00 mspacing. This includes jointing of pipes & fittings with one step CPVCsolvent cement and the cost of cutting chases and making good the sameincluding testing of joints complete as per direction of Engineer inCharge. Concealed work, including cutting chases and making good thewalls etc. : 20 mm nominal dia Pipes	M	150.00	382.04	57306.00
300	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, havingthermal stability for hot & cold water supply including all CPVC plain &brass threaded fittings This includes jointing of pipes & fittings withone step CPVC solvent cement, trenching, refilling & testing of jointscomplete as per direction of Engineer in Charge. External work : 50 mmnominal dia Pipes	M	140.00	611.80	85652.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
250	Constructing brick masonry chamber for underground C.I. inspectionchamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarsesand) C.I. cover with frame (light duty) 455x610 mm internal dimensions,total weight of cover with frame to be not less than 38 kg (weight ofcover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix(1 cement : 1.5 fine sand : 3 graded stone aggregate 20 mm nominalsize), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 gradedstone aggregate 40 mm nominal size), inside plastering 12 mm thick withcement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with afloating coat of neat cement on walls and bed concrete etc. complete asper standard design: Inside dimensions 455x610 mm and 45 cm deep forsingle pipe line : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	EA	10.00	6877.84	68778.40
310	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. : 15 mm nominal bore	EA	36.00	670.06	24122.16
320	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. : 15 mm nominal bore	EA	59.00	547.37	32294.83
330	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, including making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good thewall : 15 mm dia nominal bore	M	50.00	415.81	20790.50
340	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, including making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good thewall : 20 mm dia nominal bore	M	14.00	460.15	6442.10
350	Providing and fixing gun metal non-return valve of approved quality(screwed end) : 50 mm nominal bore : Vertical	EA	20.00	1179.90	23598.00
360	Providing and placing on terrace (at all	L	10000.00	8.97	89700.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	floor levels) polyethylenewater storage tank, IS:12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and over flow pipes but without fittings and the base support for tank.(Unit: per litre)				
370	Supplying, assembling, lowering and fixing in vertical position in borewell, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer - in-charge. : 150 mm nominal size dia	M	70.00	649.47	45462.90
380	Supplying, assembling, lowering and fixing in vertical position in borewell unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings &accessories etc. all complete, for all depths, as per direction of Engineer-in-charge. : 100 mm nominal size dia	M	70.00	560.79	39255.30
390	Gravel packing in tubewell construction in accordance with IS: 4097,including providing gravel fine/ medium/ coarse, in required grading &sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	M3	3.00	1590.17	4770.51
400	Development of tube well in accordance with IS : 2800 (part I) and IS:11189, to establish maximum rate of useable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by “V” notch method or any other approved method, measuring static level & draw down etc. by step drawdown method, collecting water samples & getting tested in approved laboratory, including disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	HR	18.00	885.90	15946.20
410	Providing and fixing suitable size	EA	3.00	182.94	548.82

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	threaded mild steel cap or spotwelded plate to the top of bore well housing/ casing pipe, removable asper requirement, all complete for borewell of : 100 mm dia				
420	Providing and fixing M.S. clamp of required dia to the top of casing/housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete. : 100 mm clamp	EA	3.00	1493.48	4480.44
430	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge. All kinds of soil	M3	11.11	142.91	1587.73
440	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	0.71	7080.55	5027.19
450	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	2.08	8268.35	17198.17
460	Brick on edge flooring with bricks of class designation 7.5 on a bed of12 mm cement mortar, including filling the joints with same mortar, with common burnt clay non modular bricks : 1:6 (1cement : 6 coarse sand)	M2	7.05	1361.31	9597.24
470	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:4 (1cement : 4 coarse sand)	M3	4.10	11142.95	45686.10
480	Half brick masonry with common burnt clay F.P.S. (non modular) bricks	M2	4.50	1452.35	6535.58

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	of class designation 7.5 in superstructure above plinth level up to floor V level. : Cement mortar 1:4 (1 cement :4 coarse sand)				
490	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	M2	6.79	278.69	1892.31
500	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	M2	104.54	278.43	29107.07
510	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1cement: 3 coarse sand), finished with a floating coat of neat cement. :18 mm thick	M2	52.27	458.65	23973.64
520	52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @2 litre per 50 kg of cement or as per manufacturer's specifications. This includes cost of cement slurry, but excluding the cost of nosing ofsteps etc. complete.	M2	4.80	749.86	3599.33
530	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.: Thermo-Mechanically Treated bars of grade Fe-500D or more.	KG	161.47	84.81	13694.27
SECTION C:TELEPHONE WIRING & FIRE FIGHTING					
10	MAIN LT PANEL Supply installation testing and commissioning of MAIN LT DISTRIBUTIONPANEL (Outdoor Type: IP-55) cubical type LT panel suitable for 415 V, 3 Phase, 4 Wire 50 Hz AC supply system fabricated incompartmentalized design from CRCA sheet steel of 2 mm thick for framework and covers, 3 mm thick for gland, plates i/c cleaning &finishing complete with 9 tank process for powder coating in approved shade Incoming 2 nos EP MVS	NO	1.00	631856.00	631856.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	ACB(LSIg) 630A 50kA 4P EDO 240 VAC ETA6 drawout electricalCircuit Breaker (Rated Short time withstand current,Icw=50 kA (1 s) at220...440 V AC 50 Hz)with OL,Earth Fault, Short Time SC Protection and instantaneous SC protection and fault indication of Earth fault Short-circuit Internal fault Overload, conforming to IEC 60947-2BUS Coupler: 630A 50kA 4P with mechanical interlock system/Cast Interlock between Incomer 1 and Incomer 2 as mentioned in the SLD.1Set (3 Nos) - 630/5A, 15VA Class-1 CTs for Metering.1 Nos - Class-1 CT Operated Multi function digital meter.(96mmx96mm)1 Sets (3 Nos) R-Y-B Phase Indication Lights with control MCB1 set 'Type1+2 50ka 3P+N SPDBus Bar1 Set - TPN copper bus bars of 800Amps capacity with heat shrinkable coloured sleeves bus bar cross section, size supports & their spacingetc. for withstanding fault level of 31 MVA for 1 Sec.Outgoing1) 02 Nos - 400A, 4P MCCB (36 kA) Microprosser release with Rotary Handle Operated Mechanis				
20	Supply, testing, & commissioning of following type compartmentalisedwall mounted cubicle board from 1.6 mm thick CRCA sheet dust and vermiproof duly phosphatized & powder coated 9 tank treatment.The panel shallhave 01 nos of imcomer as mentioned below,followed by Analog Timerswitch as per approved drawing.IP 55 ratingIncomer : 1 No. 63A, 4P, 18kA MCCB,with(OL/SC/EF) release, Led typeon, off & Trip indicating lamp. 1 Set (3 Nos) - 63/5A, 10 VA, Cl-1Current Transformer. 1 Set - Cl-1 Multi Function Digital Meter with RS485 BMS COMPATIBALE. 1 Set - 3 Nos R-Y-B Phase Indication Lamp with 1Nos 6A TPN MCB Protection. 24h Analog timer switch with 32 Amp 3P contactor Bus Bar: 80 Amp AL TPN Bus Bar covered with colour coded HeatShrinkable PVC sleeves, mounted on Porcelain/DMC/SMC Insulators.Neutral link to be provided	NO	1.00	228444.98	228444.98

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	and Auto manual selector switch Outgoing: a) 10 No. - 16A, SP MCB, Icu = 10 kAEarth Bus Bar: 25 mm x 5 mm GI flat earth bus bar running along thebase of the frame covering entire length of the panel with GI bolt andnuts and number of drilled holes as required for earth connection. Contractor should submit the GA Drawing of panel board and obtain necessary approval for authority before placing purchase P.O. of the panel board.1 - Danger Board.Com				
30	Supplying and fixing of following ways surface/ recess mounting,vertical type, 415 V, TPN MCB distribution board of sheet steel, dustprotected, duly powder painted, inclusive of 200 A tinned copper busbar, common neutral link, earth bar, din bar for mounting MCBs (butwithout MCBs and incomer) as required . Vertical type MCB TPDB isnormally used where 3 phase outlets are required.)8 way (4 + 24), Double door, **Note:** All electrical switchgears and Distribution board may be of same make and prior approval to be taken from OIL before procurement.	EA	10.00	11067.17	110671.70
40	Supplying and fixing following way, horizontal type three pole andneutral, sheet steel, MCB distribution board, 415 V, on surface/ recess,complete with tinned copper bus bar, neutral bus bar, earth bar, dinbar, interconnections, powder painted including earthing etc. asrequired. (But without MCB/RCCB/Isolator) 8 way (4 + 24),Double door **Note:** All electrical switchgears and Distribution board may be of samemake and prior approval to be taken from OIL before procurement..	EA	20.00	6539.78	130795.60
50	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts,10kA "C"curve, miniature circuit breaker suitable for inductive load offollowing poles in the existing MCB DB complete with connections,testing and commissioning etc. as required. Single	EA	480.00	294.12	141177.60

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	pole **Note:** All electrical switchgears and Distribution board may be of samemake and prior approval to be taken from OIL before procurement.				
60	Supplying and fixing 3 pole 63 A rating, 240/415 V, 10 kA, "C" curve,miniature circuit breaker suitable for inductive load of following polesin the existing MCB DB complete with connections, testing andcommissioning etc. as required.Triple Pole **Note:** All electrical switchgears and Distribution board may be of samemake and prior approval to be taken from OIL before procurement..	NO	80.00	1854.53	148362.40
70	Supplying and fixing of Residual current operated Circuit Breaker with Overcurrent protection (RCBO) Four Pole 415 V 63 Amps 30mA in existing distribution board. **Note:** All electrical switchgears and Distribution board may be of same make and prior approval to be taken from OIL before procurement..	NO	20.00	4181.78	83635.60
80	Supplying and fixing of Molded case circuit breaker(MCCB) Four Pole 415V 125 Amps,Thermal Magnetic type Icu=16 kA with O\L, S\C, G\Fprotection in existing distribution board as required.125 A **Note:** All electrical switchgears and Distribution board may be of samemake and prior approval to be taken from OIL before procurement.	NO	10.00	5648.76	56487.60
90	Supplying and fixing single pole blanking plate in the existing MCB DBcomplete etc. as required.	EA	24.00	14.45	346.80
100	Supplying, providing and constructing GI Pipe Earth electrodes as PerIS:3043; GI Pipe Medium Class'B' 65 mm Dia; 3000 mm long complete withEarth Pit and all necessary materials including excavation of Earth Pit,filling with homogeneous layer of Charcoal and salt, Back filling,providing necessary Brick	EA	6.00	9563.01	57378.06

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	Masonry work, Plastering, MS/CI cover; Testlinks for connecting the earth Grid and Earth Electrode etc.This alsoincludes testing of Earth resistance after completion as per IndianElectricity Rules. Minimum depth of burial shall be 3000 mm, homogenoushygroscopic material should not be less than 1 cum.& should cover 300 mmaround the electrode up to a height of 2500 mm. The scope of work alsoincludes providing earth pit markers indicating resistance, test date,next due date etc.as per std. earthpit boards on GI plate of size @ 300x300 mmx 2mm thick with a GI hollow section stand of of 25 mm square &length @ 1m; grouted in PCC 1:4:8 at a depth of @300 mm below the groundlevel and the top of plate should be @ 700 mm above the ground level.				
110	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground levelfor conductor earth electrode, including connection/termination with GI thimble etc. as required.	M	200.00	63.98	12796.00
120	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I.nut, bolt, spring, washer etc. as required. (Jointing shall be done byoverlapping and with 2 sets of G.I. nut bolt & spring washer spaced at50mm)	M	300.00	165.12	49536.00
130	Supply, installation and connection of following 50 x 6 mm GI earthingstrip including welding at Jointings, providing anti-corrosive paint orbitumen and jutecovering for welded portion, clamping and necessary hardware forconnecting, etc., including all labour and materials, as per approveddrawings, specifications of this tender and directions of OIL.	M	100.00	459.95	45995.00
140	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess forconnections etc. as required.	M	400.00	296.18	118472.00
150	Providing and fixing of lightning conductor finial, made of 25 mm dia300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6	EA	8.00	628.49	5027.92

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	mmthick G.I. base plate including holes etc. complete as required				
160	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	SET	11.00	15484.13	170325.43
170	Providing and fixing of lightning conductor finial, made of 25mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate including holes etc. completeas required.	EA	4.00	435.50	1742.00
180	Jointing copper / G.I. tape (with another copper/ G I tape, base of the finial or any other metallic object) by riveting / nutbolting/ sweating and soldering etc as required	EA	8.00	143.45	1147.60
190	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For horizontal run)	M	100.00	152.74	15274.00
200	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For vertical run)	M	50.00	245.62	12281.00
210	Supply of 1.1 kV grade XLPE insulated core laid up PVC tapeinnersheathed armoured aluminium cable of following rating, Confirming to IS : 7098 (Part-I),IS:8130-1984,IS:10810-1984,IS:10418-1982.3.5C x 300 sq mm armoured cable.	M	1000.00	1742.25	1742250.00
220	Supply of 1.1 kV grade XLPE insulated core laid up PVC tapeinnersheathed armoured aluminium cable of following rating, Confirming to IS : 7098 (Part-I),IS:8130-1984,IS:10810-1984,IS:10418-1982.1C x 150 sq mm armoured cable.	M	500.00	437.50	218750.00
230	Supply of 1.1 kV grade XLPE insulated core laid up PVC tapeinnersheathed armoured aluminium cable of following rating, Confirmingto IS : 7098 (Part-I),IS:8130-1984,IS:10810-1984,IS:10418-1982.1 C x 25 sq mm armoured cable.	M	1000.00	35.46	35460.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
240	Supply of 1.1 kV grade XLPE insulated core laid up PVC tapeinnersheathed armoured aluminium cable of following rating, Confirmingto IS : 7098 (Part-I),IS:8130-1984,IS:10810-1984,IS:10418-1982.3.5C x 120 sq mm armoured cable.	M	500.00	739.49	369745.00
250	Supply of 1.1 kV grade XLPE insulated core laid up PVC tapeinnersheathed armoured aluminium cable of following rating, Confirmingto IS : 7098 (Part-I),IS:8130-1984,IS:10810-1984,IS:10418-1982.3.5C x 70 sq mm armoured cable.	M	1000.00	491.70	491700.00
260	Supply of 1.1 kV grade PVC insulated PVC tape innersheathed armoured4core copper cable of size 2.5sqmm Confirming to IS : 7098 (Part-I),IS:8130-1984,IS:10810-1984,IS:10418-1982.4C x 2.5 sq mm armoured Cu cable.	M	700.00	135.64	94948.00
270	Laying of one number PVC insulated and PVC sheathed / XLPE power cableof 1.1 KV grade of following size direct in ground including excavation,sand cushioning, protective covering and refilling the trench etc asrequiredAbove 35 sq. mm and upto 95 sq. m	M	1000.00	490.20	490200.00
280	Laying of one number PVC insulated and PVC sheathed / XLPE power cableof 1.1 KV grade of following size direct in ground including excavation,sand cushioning, protective covering and refilling the trench etc asrequiredAbove 95 sq. mm and upto 185 sq. m	M	500.00	512.90	256450.00
290	Laying of one number PVC insulated and PVC sheathed / XLPE power cableof 1.1 KV grade of following size direct in ground including excavation,sand cushioning, protective covering and refilling the trench etc asrequiredAbove 185 sq. mm and upto 400 sq. m	M	1000.00	582.05	582050.00
300	Laying of one number PVC insulated and PVC sheathed / XLPE power cableof 1.1 KV grade of following size direct in ground including excavation,sand cushioning, protective covering and refilling the trench etc asrequired. Upto 35 sq. m	M	700.00	467.50	327250.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
310	Laying and fixing of one number PVC insulated and PVC sheathed / XLPEpower cable of 1.1 KV grade of following size on cable tray as required. Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp	M	1000.00	112.49	112490.00
320	Supplying and making end termination with brass compression gland andaluminium lugs for following size of PVC insulated and PVC sheathed /XLPE aluminium conductor cable of 1.1 KV grade as required.3½ X 300 sq. mm (70mm	EA	8.00	732.72	5861.76
330	Supplying and making end termination with brass compression gland andaluminium lugs for following size of PVC insulated and PVC sheathed /XLPE aluminium conductor cable of 1.1 KV grade as required.3½ X 300 sq. mm (70mm	EA	8.00	1378.75	11030.00
340	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed /XLPE aluminium conductor cable of 1.1 KV grade as required.3½ X 70 sq.mm (38mm)	EA	12.00	559.34	6712.08
350	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the ame in case of recessed conduit as required.20 mm	M	1500.00	155.83	233745.00
360	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the ame in case of recessed conduit as required.25 mm	M	1600.00	173.38	277408.00
370	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the ame in case of recessed conduit as required.32 mm	M	1500.00	215.69	323535.00
380	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate,	P	300.00	1405.58	421674.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	suitable GI box and earthing the point with 1.5 sq.mm.FRLS PVC insulated copper conductor single core cable etc. as required. Group B				
390	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch,modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.Group C	P	260.00	1758.53	457217.80
400	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box andearthing the point with 1.5 sq.mm FRLS PVC insulated copper conductorsingle core cable etc. as required	P	50.00	1860.70	93035.00
410	Wiring for group controlled (looped) light point/fan point/exhaust fanpoint/ call bell point (without independent switch etc.) with 1.5 sq. mmFRLS PVC insulated copper conductor single core cable in surface/recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVCinsulated copper conductor single core cable etc. as required.Group B	P	200.00	1117.66	223532.00
420	Wiring for group controlled (looped) light point/fan point/exhaust fanpoint/ call bell point (without independent switch etc.) with 1.5 sq. mmFRLS PVC insulated copper conductor single core cable in surface/recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVCinsulated copper conductor single core cable etc. as required.Group C	P	50.00	1285.87	64293.50
430	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copperconductor single core cable in surface/ recessed medium class PVCconduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductorsingle core cable for loop	M	5000.00	384.94	1924700.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	earthing as required.				
440	Wiring for circuit/ submain wiring alongwith earth wire with thefollowing sizes of FRLS PVC insulated copper conductor, single corecable in surface/ recessed PVC conduit as required.2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	M	1000.00	275.54	275540.00
450	Wiring for circuit/ submain wiring alongwith earth wire with thefollowing sizes of FRLS PVC insulated copper conductor, single corecable in surface/ recessed PVC conduit as required. 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	M	4000.00	320.95	1283800.00
460	Wiring for circuit/ submain wiring alongwith earth wire with thefollowing sizes of FRLS PVC insulated copper conductor, single corecable in surface/ recessed PVC conduit as required. 4 X 16 sq. mm + 2 X 6 sq. mm earth wire	M	800.00	1816.32	1453056.00
470	Supply and laying of High Speed HDMI Cable Video Resolution up to 4KSupports all HDMI Devices Colour: Black Fully HDCP compliant to providehighest level of signal quality. Compatible with all devices using 18 or19pin HDMI ports: HDTV, Sony PS3, X Box, Sky HD box, HD-DVDrecorders/players, Blu-ray Other Set Top Boxes, Video Monitors,Projectors, LCD and PLASMA TV's etc Unleash the digital high-definitioncapabilities of your console / Blue Ray Player/Xbox 360 / PS3/4 / PC /DVD /HDTV Enjoy movies and games at up to 1080p resolution. Feelconfident connecting your console to high-definition equipment with thequality you deserve One wire for both digital audio and video. : 1 XHDMI Cable	M	100.00	249.72	24972.00
480	Supplying and drawing following pair 0.5 mm dia FRLS PVC insulatedannealed copper conductor, unarmored telephone cable in the existingsurface/ recessed steel/ PVC conduit as required.5 Pair	M	2200.00	87.11	191642.00
490	Supply and fixing of Telephone outlet (RJ11) as required with completeaccessories as directed by OIL	NO	60.00	98.73	5923.80

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
500	Supply of 200Pair Telephone Junction Box(JB) with original Kroneconnector Thermoplastic Polycarbonate Body & Transparent Cover UVResistant in accordance with IEC 61439-1, Clause no 10.2.4,ChemicalResistant, Corrosion proof, halogen & silicone free, Colour – PerforatedCoated self-finish, Grey Colour RAL-7035 IP:IP66 conforming to IEC60529for Indoor & outdoor installation Impact strength:IK 08(5 Joule) inaccordance with DIN EN 50 102	NO	1.00	10705.16	10705.16
510	Supply of 50Pair Telephone Junction Box(JB) with original Kroneconnector Thermoplastic Polycarbonate Body & Transparent Cover UV Resistant in accordance with IEC 61439-1, Clause no 10.2.4,ChemicalResistant, Corrosion proof, halogen & silicone free, Colour – Perforated Coated self-finish, Grey Colour RAL-7035 IP:IP66 conforming to IEC60529for Indoor & outdoor installation Impact strength:IK 08(5 Joule) in accordance with DIN EN 50 102	NO	1.00	6233.39	6233.39
520	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	EA	5.00	115.58	577.90
530	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/recessed steel/ PVC conduit as required.	M	100.00	55.73	5573.00
540	Supplying and fixing suitable size GI box with modular plate and coverin front on surface or in recess, including providing and fixing 6 pin5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required	EA	120.00	680.09	81610.80
550	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providng and fixing 2 nos. 3 pin 5/6 A modular socket outlet and 2 nos. 5/6 A modular switch,connections etc. as required. (For light plugs to be used in non residential buildings).	EA	120.00	781.22	93746.40
560	Supplying and fixing following	EA	20.00	124.87	2497.40

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	modular switch/ socket on the existing modular plate & switch box including connections but excluding modularplate etc. as required.5/6 A switch				
570	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.15/16 A switch	EA	20.00	181.63	3632.60
580	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.2 way 5/6 amps switch	EA	10.00	173.38	1733.80
590	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.5/6 A (5 pin) socket outlet	EA	20.00	140.35	2807.00
600	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.6 pin 15/16 A socket outlet	EA	20.00	226.01	4520.20
610	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.TV antenna socket outlet	EA	5.00	173.38	866.90
620	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required. 1 or2 Module (75mmX75mm)	EA	160.00	365.33	58452.80
630	Supplying and fixing of pop up boxes equipped with arteor socket units, HDMI port ,Telephone and Lan port along with installation kit for tabletop 8 module	NO	6.00	7143.23	42859.38
640	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required. 1 run	M	3000.00	72.24	216720.00
650	Supply and fixing of Data outlet (RJ45) with anodised GI box with front plate etc. as required all complete as directed by OIL.	NO	65.00	109.56	7121.40

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
660	Supply and fixing APW Flexi box Wall mount Rack 15U 19"X 500mmDNetworking Wall mount Rack with Front Tinted Glass Door with Lock "PDU6*5A - 01 Nos.Fan 90 cfm 230V - 01 Nos. Mounting Hardware (Set of 10) - 1 Set19"" 1U Cable Manager - 1 Nos."	NO	3.00	19551.91	58655.73
670	Supply , Installation, testing and commissioning of 1200 mm sweep, BEE5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Hexagonal GI box forholding of fan Power Factor not less than 0.9, Service Value (CMM/W)minimum 6.85, Air delivery minimum 215 CMM, 350 RPM (tolerance as per IS: 374-2019), THD less than 10%, electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required. Power rating 20-22 watt	NO	65.00	2974.22	193324.30
680	Supply of ISI marked 300 mm sweep, 230 Volt AC, PVC Exhaust Fan including wire guard, louvers as required and directed by OIL.	NO	38.00	2516.59	95630.42
690	Supply of ISI marked 150 mm sweep, 230 Volt AC, pvc ceiling mounted exhaust fan with all accessories	NO	30.00	2206.85	66205.50
700	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.(Upto 450 mm sweep)	NO	68.00	573.79	39017.72
710	Supply,Installation, testing and commissioning of BIS Approved recessed type 36 to 38 W LED CRCA powder coated luminaire (2ftx2ft)complete with all mounting accessoroies for fixing in false ceiling including supplying, fixing arrangment and connection with 3x1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and	NO	120.00	4297.55	515706.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	earthing etc.as required. Minimum output Lumen shall be 3600 and colour temperature shall be 5500K to 6500K.Driver shall be external. Efficacy shall be more than 100%. Power factor>0.9, THD < 10% , IEC Compliant for safety. **Note**: Prior approval to be taken from OIL before procurement.				
720	Supply , Installation, testing and commissioning of BIS Approved Cooldaylight white recess mounted square shaped luminaires min output Lumenshall be 2000 lumen, 5700 K with complete accessories as directed bythe OIL, BIS Approved **Note**: Prior approval to be taken from OIL before procurement	NO	246.00	2787.60	685749.60
730	Supply , Installation, testing and commissioning of BIS Approved Coolday white Recess Mounted circle luminarie min output Lumen shall be 1500 lumen, 5700 K with complete accessories as directed by the OIL, BIS Approved **Note:** Prior approval to be taken from OIL before procurement.	NO	95.00	1970.68	187214.60
740	Supply , Installation, testing and commissioning of BIS Approved Coolday white surface mounted circle luminarie min output Lumen shall be1500 lumen, 5700 K Cool day white surface mounted circle luminarie withcomplete accessories as directed by the OIL **Note**: Prior approval to be taken from OIL before procurement.	NO	85.00	2090.70	177709.50
750	Supply , Installation, testing and commissioning of BIS Approved 22 WCove profile LED 3000 K warm white luminaire with complete accessoriesas directed by the OIL **Note**: Prior approval to be taken from OIL before procurement..	NO	50.00	247.78	12389.00
760	Supply , Installation, testing and commissioning of BIS Approved (1137 mm long) LED light suitable for	NO	12.00	4239.48	50873.76

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	suspended/ surface mounting withheight adjustable suspension kit of Aluminium extruded housing in whitepowder coated finish and metal end caps with all complete accessoriesmin output Lumen shall be 2500 lumen, 5700 K as directed by the OIL **Note**: Prior approval to be taken from OIL before procurement..				
770	Supply , Installation, testing and commissioning of BIS Approved IP65 LED, min output Lumen shall be 1500 lumen,5700 K Post top lanternwith all complete accessories as directed by the OIL **Note**: Prior approval to be taken from OIL before procurement..	NO	4.00	5923.65	23694.60
780	Supply , Installation, testing and commissioning of BIS Approved IP66, min output Lumen shall be 7000 lumen, 5700K, LED Street light withall complete accessories as directed by the OIL **Note**: Prior approval to be taken from OIL before procurement.	NO	4.00	5946.88	23787.52
790	Supply and fixing of Mild Steel 9 Meter Single Arm Street light polewith complete fittings including JB for street light luminaireconnection as required by E.I.C **Note**: Prior approval to be taken from OIL before procurement.	NO	4.00	14905.91	59623.64
800	Supply, Installation, Testing & Commissioning of BIS Approved min 900lumen decorative mirror light as directed by the OIL **Note:** Prior approval to be taken from OIL before procurement.	NO	30.00	1804.19	54125.70
810	Supply, Installation, Testing & Commissioning of BIS Approved LEDBollard light min 800 lumen IP 65 rating as directed by the OIL **Note**: Prior approval to be taken from OIL before procurement.	NO	20.00	7162.59	143251.80
820	Supply, Installation, Testing &	NO	32.00	29773.11	952739.52

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	Commissioning of BIS Approved decorative post top latern with 900 min lumen output, 3000 to 4500 Kcolour temperature with decorative pole of length 4.5 meter, min dia Ø76 MM with complete all fittings as needed and directed by the OIL **Note:** Prior approval to be taken from OIL before procurement				
830	Supply, Installation, Testing & Commissioning of BIS ApprovedDecorative bulk head LED luminaries IP 65 rating with 2000 min lumenoutput , 3000 to 4500 K colour temperature, with complete accessories as directed by the OIL **Note**: Prior approval to be taken from OIL before procurement	NO	15.00	1204.09	18061.35
840	Supply, Installation, Testing & Commissioning of BIS Approved LEDsquare luminaries IP 55 with 3000 min lumen output , 4500 to 5700 Kcolour temperature, with complete accessories as directed by the OIL(for entry double height area) **Note:** Prior approval to be taken from OIL before procurement	NO	10.00	7785.92	77859.20
850	Supply, Installation, Testing & Commissioning of BIS Approved LEDGarden spike light IP 55 with 1000 min lumen output , 3000 to 4500 Kcolour temperature, with complete accessories as directed by the OIL. **Note**: Prior approval to be taken from OIL before procurement	NO	10.00	2758.56	27585.60
860	Supplying and installing following size of perforated Hot DippedGalvanised Iron cable tray (Galvanisation thickness not less than 50microns) with perforation not more than 17.5%, in convenient sections,joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc. as required.300 mm width X 50 mm depth X 1.6 mm thickness	M	500.00	1095.98	547990.00
870	Supplying and installing following size	M	600.00	828.70	497220.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	of perforated Hot Dipped Galvanised Iron cable tray (Galvanisation thickness not less than 50microns) with perforation not more than 17.5%, in convenient sections,joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc. as required. 150 mm width X 50 mm depth X 1.6 mm thickness				
880	Supply, installation, testing and commissioning of Mono Block Water PumpMotor Power : 0.75 HP (0.50 kW) Power : 250 V AC Supply ElectricityConnection : Single Phase . Head range: 57-11 m ,Discharge range:9 -65 lpm Weight : 30 kg (Approx.)	NO	2.00	16919.19	33838.38
890	Supply, installation, testing and commissioning of DOL starter Power - 0.75 HP Relay Range - 4.5 - 7 A Related Voltage - 230 V Frequency - 50Hz	NO	2.00	3403.97	6807.94
900	Supplying, Installation, Testing & Commissioning of 13 passengercapacity (884kg) Machine room less (MRL) lift with regenerative drive as per CPWD General Specification for Electrical Works (Part-III Lift &Escalator) 2003, BIS Codes, NBC 2016 as amended upto date havingprovision for barrier free access as per Harmonised Guidelines &Standards for Universal Accessibility in India - 2021 of MoHUA, serving different floors in the lift shaft.	EA	1.00	2002323.87	2002323.87
910	Supplying, Installation, Testing & Commissioning of 8 passenger capacity(544kg) Machine room less (MRL) lift with regenerative drive as perCPWD General Specification for Electrical Works (Part-III Lift &Escalator) 2003, BIS Codes, NBC 2016 as amended upto date having provision for barrier free access as per Harmonised Guidelines &Standards for Universal Accessibility in India - 2021 of MoHUA, serving different floors in the lift shaft.	EA	1.00	2228631.72	2228631.72
920	Supplying, Installation, Testing & Commissioning of Modular Variable Refrigerant Flow/Variable Refrigerant	HP	60.00	20654.08	1239244.80

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	Volume air cooled Outdoor units suitable for cooling/heating having 100% hermetically sealed inverter type twin Rotary/Scroll Compressor(s),minimum two compressors (with individual separate PCB) for above 14HP modules, microprocessor based Controller, top discharge type condensing unit(s), with R-410-ARefrigerant or equivalent, vibration Isolators with suitable foundationetc. complete as required. To have betterefficiency condensor fan shall be capable to operate at different speedwith respect to load.The unit shall deliver the rated capacity and in confirmation as per IS 18728:2024 and CPWD Specifications and work even at 50°C ambient temperature without tripping. The system shall be able to deliver 100% of the rated capacity upto 39 °C. The unit shall be suitable to work on 400V +/- 10%, 3 Phase, 50Hz AC power supply and BMS compatible. The unit shall be filled with first charge of the refrigerant and ready for use as required. The condenser should be coated with a hydrophilic film to prevent water accumulation on the surface of the heat exchanger, enhance water dispersion, and reduce the risk of degradation, thereby improving overall performance and durability. The Indian Seasonal Energy Efficiency Ratio (ISEER) of the unit shall be as per Energy Conservation and Sustainable Building Code (ECSBC) 2024 as below and complete as per CPWD specification, onnections, inter connections etc. as required. (For capacity <40 kWr ISEER 6.4, Capacity > 40 and <70 ISEER 6.5, Capacity > 70 ISEER 6.6 for ECSBC+ Building) Outdoor Unit only Cool. 14HP TO 22 HP				
930	VRF Indoor UnitsSupply, Installation, Testing and Commissioning of following minimumcapacity 4 way Cassette Type Indoor ceiling mounted unit equipped withsynthetic washable media pre-filter, fan section with low	NO	3.00	39984.92	119954.76

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	noise fan/dynamically balanced blower, multispeed motor, coil section with DXCoppercoil, electronic expansion valve, outer cabinet, drain pump, grill,necessarysupports, vibration Isolation, Corded remote control etc., suitable foroperation on single phase 230 V ± 10%, 50Hz AC supply, complete, asrequired. The Indoor units must shut down upon receiving a singal fromtheBMS System/Fire Signals. The system shall be capable to adjust air flowasper room requirement in auto mode. The cooling capacity of indoor unitwillbe at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature. (Make will be same as of Outdoor)Capacity-1.6Tr				
940	VRF Indoor UnitsSupply, Installation, Testing and Commissioning of following minimum capacity 4 way Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX Coppercoil, electronic expansion valve, outer cabinet, drain pump, grill, necessary supports, vibration Isolation, Corded remote control etc., suitable foroperation on single phase 230 V ± 10%, 50Hz AC supply, complete, asrequired. The Indoor units must shut down upon receiving a singal from the BMS System/Fire Signals. The system shall be capable to adjust air flow as per room requirement in auto mode. The cooling capacity of indoor unitwillbe at air inlet conditions of 27 Degree C DB and 19 Degree C WBtemperature. (Make will be same as of Outdoor)Capacity-2.0Tr	NO	1.00	40258.49	40258.49
950	VRF Indoor Units Supply, Installation, Testing and Commissioning of following minimum capacity 4 way Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section	NO	7.00	41352.74	289469.18

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	with DX Coppercoil, electronic expansion valve, outer cabinet, drain pump, grill, necessary supports, vibration Isolation, Corded remote control etc., suitable for operation on single phase 230 V ± 10%, 50Hz AC supply, complete, as required. The Indoor units must shut down upon receiving a singal fromtheBMS System/Fire Signals. The system shall be capable to adjust air flowasper room requirement in auto mode. The cooling capacity of indoor unitwillbe at air inlet conditions of 27 Degree C DB and 19 Degree C WBtemperature. (Make will be same as of Outdoor)Capacity-2.6Tr				
960	VRF Indoor Units Supply, Installation, Testing and Commissioning of following minimum capacity 4 way Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DXCoppercoil, electronic expansion valve, outer cabinet, drain pump, grill,necessary supports, vibration Isolation, Corded remote control etc., suitable for operation on single phase 230 V ± 10%, 50Hz AC supply, complete, as required. The Indoor units must shut down upon receiving a singal fromthe BMS System/Fire Signals. The system shall be capable to adjust air flowasper room requirement in auto mode. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WBtemperature. (Make will be same as of Outdoor)Capacity-3.6Tr	NO	5.00	44853.35	224266.75
970	VRF Indoor Units Supply, Installation, Testing and Commissioning of following minimum capacity 4 way Cassette Type Indoor ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX Coppercoil, electronic expansion valve, outer cabinet, drain	NO	2.00	46385.31	92770.62

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	pump, grill,necessary supports, vibration Isolation, Corded remote control etc., suitable for operation on single phase 230 V ± 10%, 50Hz AC supply, complete, as required. The Indoor units must shut down upon receiving a singal from the BMS System/Fire Signals. The system shall be capable to adjust air flow as per room requirement in auto mode. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature. (Make will be same as of Outdoor)Capacity-4.1Tr				
980	Supply, Installation, Testing and Commissioning of following minimumcapacity High wall type Indoor unit equipped with and comfort washablesynthetic media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX copper coil,electronic expansion valve, outer cabinet, cord less remote control, drainpan, necessary accessories etc., suitable for operation on 230 V ± 10%,50Hz, single phase AC supply, complete as required. The Indoor units must shut down upon receiving a singal from the BMS System/Fire Singnals. The system shall be capable to adjust air flow as per room requirement automatically. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature. (Make will be same as of Outdoor)Capacity-1.6TR	NO	5.00	22317.76	111588.80
990	Supply, Installation, Testing and Commissioning of following minimum capacity High wall type Indoor unit equipped with and comfort washable synthetic media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, outer cabinet, cord less remote control,drainpan, necessary accessories etc., suitable for operation on 230 V ± 10%,50Hz, single phase AC	NO	13.00	22945.94	298297.22

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	supply, complete as required. The Indoor units mustshut down upon receiving a singal from the BMS System/Fire Singnals. The system shall be capable to adjust air flow as per room requirement automatically. The cooling capacity of indoor unit will be at air inletconditions of 27 Degree C DB and 19 Degree C WB temperature. (Make will be same asof Outdoor)Capacity-2.0TR				
1000	Supplying, Installation, Testing and Commissioning of following minimum capacity and external static pressure VRF/VRV ceiling mounted high ductable type Indoor unitequipped with washable synthetic media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, corded remote control,outer cabinet, vibration Isolators, drain pan, drain pump, other necessary supports etc., suitable for operation on single phase AC supply 230 V ± 10%, 50 Hz complete as required. The Indoor units mustshut down upon receiving a singal from the BMS System/Fire Singnals. The cooling capacity of indoor unit will be at air inlet conditions of27 0C DB and 19 0C WB temperature(Make will be same as of Outdoor)Capacity-5.5 TR	NO	3.00	75376.00	226128.00
1010	Supplying, Installation, Testing and Commissioning of following minimum capacity and external static pressure VRF/VRV ceiling mounted high ductable type Indoor unitequipped with washable synthetic media pre-filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil sectionwith DX copper coil, electronic expansion valve, corded remote control,outer cabinet, vibration Isolators, drain pan, drain pump, other necessary supports etc., suitable for operation on single phase ACsupply 230 V ± 10%, 50 Hz complete as required. The Indoor units must shut down upon receiving a singal from the BMS System/Fire	NO	2.00	86315.52	172631.04

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	Singnals. The cooling capacity of indoor unit will be at air inlet conditions of27 0C DB and 19 0C WB temperature(Make will be same as of Outdoor)Capacity-8.0 TR				
1020	Supply, Installation, Testing and Commissioning of Y/T/Multi Joints.Joints shall be of same Original Equipment Manufacturer (OEM) make as of ODUsand IDUsIndoor Units	EA	100.00	4594.86	459486.00
1030	Supply, Installation, Testing and Commissioning of Y/T/Multi Joints.Joint sshall be of same Original Equipment Manufacturer (OEM) make as of ODUs and IDUsOutdoor Multi Joint	EA	50.00	8204.89	410244.50
1040	Supply, Installation, testing and commissioning including vaccumiazation and Nitrogen testing of following nominal sizes of soft/hard drawn copper refrigerant piping for VRV/VRF system, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories,insulated with XPLE Class-O tubular insulation/with Class-O closed cellelastometric nitrile rubber tubular sleeves sections of 19 mm thick insulationas given below for Suction and Liquid lines, all accessories as per specifications etc. as required :6.4mm Dia	M	200.00	259.38	51876.00
1050	Supply, Installation, testing and commissioning including vaccumiazationand Nitrogen testing of following nominal sizes of soft/hard drawncopperrefrigerant piping for VRV/VRF system, complete with fittings, withsuitableadjustable ring type hanger supports, jointing/brazing includingaccessories,insulated with XPLE Class-O tubular insulation/with Class-O closed cellelastometric nitrile rubber tubular sleeves sections of 19 mm thickinsulationas given below for Suction and Liquid lines, all accessories as perspecifications etc. as required :9.5mm Dia	M	200.00	350.57	70114.00
1060	Supply, Installation, testing and commissioning including vaccumiazationand Nitrogen testing of following nominal sizes of soft/hard	M	200.00	493.43	98686.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	drawncopperrefrigerant piping for VRV/VRF system, complete with fittings, withsuitableadjustable ring type hanger supports, jointing/brazing includingaccessories,insulated with XPLE Class-O tubular insulation/with Class-O closed cellelastometric nitrile rubber tubular sleeves sections of 19 mm thickinsulationas given below for Suction and Liquid lines, all accessories as perspecifications etc. as required :12.7mm Dia				
1070	Supply, Installation, testing and commissioning including vaccumiazationand Nitrogen testing of following nominal sizes of soft/hard drawncopperrefrigerant piping for VRV/VRF system, complete with fittings, withsuitableadjustable ring type hanger supports, jointing/brazing includingaccessories,insulated with XPLE Class-O tubular insulation/with Class-O closed cellelastometric nitrile rubber tubular sleeves sections of 19 mm thickinsulationas given below for Suction and Liquid lines, all accessories as perspecifications etc. as required :15.86mm Dia	M	200.00	623.12	124624.00
1080	Supply, Installation, testing and commissioning including vaccumiazationand Nitrogen testing of following nominal sizes of soft/hard drawncopperrefrigerant piping for VRV/VRF system, complete with fittings, withsuitableadjustable ring type hanger supports, jointing/brazing includingaccessories,insulated with XPLE Class-O tubular insulation/with Class-O closed cellelastometric nitrile rubber tubular sleeves sections of 19 mm thickinsulationas given below for Suction and Liquid lines, all accessories as perspecifications etc. as required :19.0 mm dia	M	200.00	748.75	149750.00
1090	Supply, Installation, testing and commissioning including vaccumiazationand Nitrogen testing of following nominal sizes of soft/hard drawncopperrefrigerant piping for VRV/VRF system, complete with fittings, withsuitableadjustable ring type hanger supports, jointing/brazing	M	200.00	915.93	183186.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	includingaccessories,insulated with XPLE Class-O tubular insulation/with Class-O closed cellelastometric nitrile rubber tubular sleeves sections of 19 mm thickinsulationas given below for Suction and Liquid lines, all accessories as perspecifications etc. as required :22.2mm Dia				
1100	Supply, Installation, testing and commissioning including vaccumiazationand Nitrogen testing of following nominal sizes of soft/hard drawncopperrefrigerant piping for VRV/VRF system, complete with fittings, withsuitableadjustable ring type hanger supports, jointing/brazing includingaccessories,insulated with XPLE Class-O tubular insulation/with Class-O closed cellelastometric nitrile rubber tubular sleeves sections of 19 mm thickinsulationas given below for Suction and Liquid lines, all accessories as perspecifications etc. as required :25.4mm Dia	M	150.00	1082.10	162315.00
1110	Supply, Installation, testing and commissioning including vaccumiazationand Nitrogen testing of following nominal sizes of soft/hard drawncopperrefrigerant piping for VRV/VRF system, complete with fittings, withsuitableadjustable ring type hanger supports, jointing/brazing includingaccessories,insulated with XPLE Class-O tubular insulation/with Class-O closed cellelastometric nitrile rubber tubular sleeves sections of 19 mm thickinsulationas given below for Suction and Liquid lines, all accessories as perspecifications etc. as required :28.58mm Dia	M	150.00	1172.27	175840.50
1120	Supply, Installation, testing and commissioning including vaccumiazationand Nitrogen testing of following nominal sizes of soft/hard drawncopperrefrigerant piping for VRV/VRF system, complete with fittings, withsuitableadjustable ring type hanger supports, jointing/brazing includingaccessories,insulated with XPLE Class-O tubular insulation/with Class-O closed cellelastometric nitrile rubber tubular sleeves sections of 19	M	150.00	1238.13	185719.50

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	mm thickinsulationas given below for Suction and Liquid lines, all accessories as perspecifications etc. as required :31.80mm Dia				
1130	Supply, Installation, testing and commissioning including vaccumiazationand Nitrogen testing of following nominal sizes of soft/hard drawncopperrefrigerant piping for VRV/VRF system, complete with fittings, withsuitableadjustable ring type hanger supports, jointing/brazing includingaccessories,insulated with XPLE Class-O tubular insulation/with Class-O closed cellelastometric nitrile rubber tubular sleeves sections of 19 mm thickinsulationas given below for Suction and Liquid lines, all accessories as perspecifications etc. as required :34.9mm dia	M	150.00	1302.98	195447.00
1140	Supply, Installation, testing and commissioning including vaccumiazationand Nitrogen testing of following nominal sizes of soft/hard drawncopperrefrigerant piping for VRV/VRF system, complete with fittings, withsuitableadjustable ring type hanger supports, jointing/brazing includingaccessories,insulated with XPLE Class-O tubular insulation/with Class-O closed cellelastometric nitrile rubber tubular sleeves sections of 19 mm thickinsulationas given below for Suction and Liquid lines, all accessories as perspecifications etc. as required :38.10mm dia	M	150.00	1339.45	200917.50
1150	Supply, Installation, testing and commissioning including vaccumiazationand Nitrogen testing of following nominal sizes of soft/hard drawncopperrefrigerant piping for VRV/VRF system, complete with fittings, withsuitableadjustable ring type hanger supports, jointing/brazing includingaccessories,insulated with XPLE Class-O tubular insulation/with Class-O closed cellelastometric nitrile rubber tubular sleeves sections of 19 mm thickinsulationas given below for Suction and Liquid lines, all accessories as perspecifications etc. as required :41.27mm dia	M	150.00	1339.45	200917.50

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
1160	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,having thermal stability for hot & cold water supply, including all CPVCplain & brass threaded fittings and fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVCsolvent cement and the cost of cutting chases and making good the sameincluding testing of joints complete as per direction of Engineer inCharge.Concealed work, including cutting chases and making good the walls etc.25 mm nominal dia Pipes	M	500.00	635.53	317765.00
1170	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.32 mm nominal dia Pipes	M	500.00	749.06	374530.00
1180	Supplying & drawing the following size of FRLS PVC Insulated copper Conductor Single core cable in existing PVC Conduit.2 x 1.5 sq mm	M	1000.00	78.02	78020.00
1190	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.20 mm	M	500.00	152.99	76495.00
SECTION D: TELEPHONE WIRING & FIRE FIGHTING					
10	Supplying & fixing of 5 Pair Telephone Cable	M	5500.00	124.67	685685.00
20	Supplying & fixing of 20 pair Telephone Cable.	M	200.00	642.67	128534.00
30	Supplying & fixing of RJ11 socket with PVC Box.	NO	72.00	222.33	16007.76
40	Supplying & fixing of PVC casing.	NO	3500.00	190.67	667345.00
50	Supplying & fixing of 50 Pair Junction Box with cover.	NO	1.00	2950.00	2950.00
60	Supplying & fixing 20 pair Telephone	NO	3.00	2566.67	7700.01

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	Junction Box with cover.				
70	50 pair Jelly Telephone Cable.	M	100.00	780.00	78000.00
80	Analog Telephone instrument with CLI	NO	35.00	856.67	29983.45
90	Supplying, installation, testing & commissioning of intelligent analog addressable photothermal detector complete with mounting base complete as required.	EA	125.00	2452.47	306558.75
100	Supplying, installation, testing & commisssioning of intelligent addressable programmable sounder complete as required.	EA	5.00	2275.31	11376.55
110	Supplying, installation, testing & commissioning of addressable manual call point complete as required	EA	8.00	3317.03	26536.24
120	Supplying, installation, testing & commissioning of fire fighter telephone handset complete as required.	EA	4.00	4911.46	19645.84
130	Supplying, installation, testing & commissioning of addressable horn cumstrobe complete as required	EA	3.00	3005.98	9017.94
140	Supplying, installation, testing and commissioning of micro processor based intelligent addressable main fire alarm panel, central processing unit with the following loop modules and capable of supporting not less than 240 devices (including detectors) and minimum 120 detectors perloop and loop length up to 2 km, network communication card, minimum320 character graphics/ LCD display with touch screen or other keypad and minimum 4000 events history log in the non volatile memory (EPROM), power supply unit (230 ± 5% V, 50 hz), 48 hrs back-up with 24 voltsealed maintenance free batteries with automatic charger. The panelshall have facility to connect printer to printout log and facility to have seamless integration with analog/digital voice evacuation system(which is part of the schedule of work under SH: PA System) and shall be complete with all accessories . The panel shall be compatible for IBMS system with open protocol BACnet/ Modbus over IP complete as per specifications. Ten loop panel.	EA	1.00	389335.45	389335.45
150	Supplying & laying of 2x1.5 sqmm fire	M	1500.00	156.75	235125.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	alarm armoured cable, 600/1000Vrated with annealed copper conductor having XLPE insulation, steel wirearmouring & FRLS outer sheath complete as required.				
SECTION E:PARKING, DRAIN & UNDERGROUND TANK					
10	Excavating, supplying, stacking and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20cm in foundation trenches, plinth, sides of foundation etc. complete for all lift.	M3	150.00	495.53	74329.50
20	CONSTRUCTION OF 150MM (CONSOLIDATED) GRANULAR SUB-BASE consolidated by dry rolling to proper grade including providing well compacted berms with earth on either side 1.2m wide levelled with finished road surface, dressing sub-grade including cutting surface upto75mm deep to required level and as per clause 401. (Road roller supplied by contractor).	M2	1000.00	125.06	125060.00
30	CONSTRUCTION OF WATER BOUND MACADAM base course 100mm thick(Wearing course) and Surfacing Course (sealing coat) with loose hand broken metal of size 63mm and graded down to 45mm rolled dry to proper compaction, grade and camber and wet rolling after placing bindage of loamy earth and finally sealing the compacted surface with a 25mm thick layer of sand shingles (Ref. to MoRTH Spec.404) and as directed as applied over new consolidated surface. (Road roller supplied by contractor).	M2	1000.00	151.97	151970.00
40	Supply of approved quality granular materials from approved quarry, free from organic matter including stacking in measurable stacks asdirected.	M3	175.00	1471.43	257500.25
50	Supply of Hand broken hard stone metal from river boulder fairly cubical in shape, free from dust/dirt disingrated pieces, organic and other foreign matters(63mm to 45mm graded)	M3	125.00	2433.93	304241.25
60	Providing and laying factory made chamfered edge Cement Concrete	M2	1000.00	857.94	857940.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by tablevibratory method using PU mould, laid in required colour & pattern over50 mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand beddinglayer through vibratory compaction by using plate vibrator, filling thejoints with sand and cutting of paver blocks as per required size andpattern, finishing and sweeping extra sand. complete all as perdirection of Engineer-in-Charge. : 80 mm thick C.C. paver block of M-35grade with approved colour design and pattern.				
70	Centering and shuttering including strutting, propping etc. and removal of form work for : Retaining walls, return walls, walls (any thickness)including attached pilasters, buttresses, plinth and string coursesfillets, kerbs and steps etc.	M2	186.00	572.77	106535.22
80	Providing and laying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centering, shuttering and finishing. : 1:11/2:3 (1 Cement: 11/2 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	18.60	7820.20	145455.72
90	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge. All kinds of soil	M3	79.38	142.91	11344.20
100	Excavating, supplying, stacking and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20cm in foundation trenches, plinth, sides of foundation etc. complete for all lift.	M3	14.18	495.53	7026.62

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
110	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinthlevel : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	7.56	7080.55	53528.96
120	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : cement mortar 1:4(1 cement : 4 coarse sand)	M2	151.20	1315.05	198835.56
130	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1cement : 3 coarse sand), finished with a floating coat of neat cement. :18 mm thick	M2	207.90	458.65	95353.34
140	Providing and fixing factory made precast RCC perforated drain covers, having concrete of strength not less than M-25, of size 1000 x 450x50mm, reinforced with 8 mm dia four nos longitudinal & 9 nos cross sectional T.M.T. hoop bars, including providing 50 mm dia perforations @100 to 125 mm c/c, including providing edge binding with M.S. flats of size 50 mm x 1.6 mm complete, all as per direction of Engineer-in-charge.	EA	126.00	1142.97	144014.22
150	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge. All kinds of soil	M3	216.96	142.91	31005.75
160	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	4.76	7080.55	33703.42
170	Brick on edge flooring with bricks of class designation 7.5 on a bed of12 mm cement mortar, including filling	M2	63.35	1361.31	86238.99

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	the joints with same mortar, with common burnt clay non modular bricks : 1:6 (1cement : 6 coarse sand)				
180	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	53.06	8268.35	438718.65
190	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	M2	242.52	278.69	67587.90
200	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	M2	242.52	278.43	67524.84
210	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1cement : 3 coarse sand), finished with a floating coat of neat cement. :18 mm thick	M2	242.52	458.65	111231.80
220	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.: Thermo-Mechanically Treated bars of grade Fe-500D or more.	KG	9838.96	84.81	834442.20
SECTION F: 2 NOS SECURITY HUT					
10	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge. All kinds of soil	M3	12.61	142.91	1802.1
20	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift.	M3	7.57	121.88	922.63
30	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing	M3	5.18	1901.7	9850.81

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	complete.				
40	Brick on edge flooring with bricks of class designation 7.5 on a bed of 12 mm cement mortar, including filling the joints with same mortar, with common burnt clay non modular bricks : 1:6 (1cement : 6 coarse sand)	M2	29.4	1361.31	40022.51
50	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	2.51	7080.55	17772.18
60	Providing and laying damp-proof course 50 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources).	M2	6.13	444.67	2725.83
70	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturers specification. (Unit: per bag of 50kg cement used)	BAG	0.91	14.82	13.49
80	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge, for the following grades of concrete.: in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the	M3	4.22	8629.68	36417.25

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	mix or bear the cost of extra cement. All works upto plinth level : Concrete of M25 grade with minimum cement content of 330 kg /cum				
90	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge, for the following grades of concrete.: in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works above plinth level upto floor V level : Concrete of M25 grade with minimum cement content of 330 kg /cum	M3	5.69	8920.06	50755.14
100	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	M2	13.12	278.69	3656.41
110	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	M2	33.84	509.09	17227.61
120	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts	M2	21	661.99	13901.79
130	Centering and shuttering including strutting, propping etc. and removal of form for Edges of slabs and breaks in floors and walls : Under 20 cm wide	M	3.57	148.4	529.79
140	Centering and shuttering including strutting, propping etc. and removal of	M2	17.67	711.33	12569.2

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	form for : Suspended floors, roofs, landings, balconies and access platform with water proof ply 12 mm thick				
150	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:4 (1 cement : 4 coarse sand)	M3	3.72	11142.95	41451.77
160	Providing and laying Autoclaved Aerated concrete(AAC) blocks masonry with 150 mm to 300 mm thick with Grade-1 AAC blocks of density 551 to 650 kg/cum conforming to IS:2185 (Part 3) in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for seperately).	M3	3.09	6163.33	19044.69
170	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	M2	73.83	241.41	17823.3
180	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement. : 18 mm thick	M2	9	458.65	4127.85
190	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. : Double charge vitrified tile polished finish : Size of Tile 800 x 800 mm.	M2	13.68	1187.54	16245.55
200	Steel reinforcement for R.C.C. work including straightening, cutting,	KG	1,441.07	84.81	1,22,217.15

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	bending, placing in position and binding all complete upto plinth level. : Thermo-Mechanically Treated bars of grade Fe-500D or more.				
210	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)	KG	91.08	603.75	54989.55
220	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	M2	165.66	111.94	18543.98
230	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour : New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	M2	165.66	121.82	20180.7
240	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	M2	13.44	112.32	1509.58
250	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and	M2	20	628.4	12568

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.				
260	Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyriphos/Lindane emulsifiable concentrate of 20%	L	10	191.84	1918.4
270	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion): Along external wall where the apron is not provided using chemical emulsion @7.5 litres / sqm of the vertical surface of the substructure to a depth of 300mm including excavation channel along the wall & rodding etc. complete: With Chlorpyriphos/Lindane E.C. 20% with 1% concentration	M	57.6	24.88	1433.09
GROUP B: ANNEX BUILDING (G+1)					
SECTION A: CIVIL WORK EXCLUDING PLUMBING					
10	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	M3	45.35	2194.84	99535.99
20	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50metres lead as per direction of Engineer-in-charge. : In cement mortar	M3	22.68	1272.27	28855.08
30	Dismantling wood work in frames, trusses, purlins and rafters up to 10metres span and 5 metres height including stacking the material within50 metres lead : Of sectional area 40 square centimetres and above	M3	6.80	2836.84	19290.51
40	Dismantling roofing including ridges, hips, valleys and gutters etc,and stacking the material within 50 metres lead of : G.S. Sheet	M2	302.36	104.11	31478.70
50	Dismantling roofing including ridges, hips, valleys and gutters etc,and stacking the material within 50 metres lead of : Asbestos Cement sheet	M2	25.00	48.80	1220.00
60	Dismantling steel work in single sections including dismembering and	KG	2392.50	1.47	3516.98

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	stacking within 50 metres lead in : Channels, angles, tees and flats				
70	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	KG	20.00	3.61	72.20
80	Dismantling expanded metal or I.R.C. fabrics with necessary battens and beading including stacking the serviceable material within 50 metres lead.	M2	65.34	47.39	3096.46
90	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.	M2	60.47	35.88	2169.66
100	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge : 15 mm to 40 mm nominal bore	M	35.00	94.71	3314.85
110	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer- in-charge.	M2	10.00	35.89	358.90
120	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	M3	67.20	215.52	14482.94
130	Dismantling doors, windows and clerestory windows (steel or wood)shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below	EA	15.00	233.27	3499.05
140	Dismantling of old S.W. pipes including breaking of joints and bed concrete stacking of useful materials	M	30.00	54.89	1646.70

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	near the site within 50 m lead and disposal of unserviceable materials into municipal dumps : 100 mm diameter				
150	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15cm deep and disposal of rubbish, lead up to50m and lift up to 1.5m All kinds of soil	M2	560.00	21.05	11788.00
160	Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth up to 30 cm measured at a height of 1m above ground level and removal of rubbish up to a distance of 50moutside the periphery of the area cleared.	M2	560.00	10.85	6076.00
170	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 30 cm girth upto and including 60cm girth	EA	8.00	330.10	2640.80
180	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120cm girth	EA	2.00	1467.42	2934.84
190	Hydraulic Excavator (3D) with driver and fuel	DAY	6.00	7850.00	47100.00
200	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge. All kinds of soil	M3	374.88	142.91	53574.10
210	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to50 and for all lift.	M3	262.42	121.88	31983.75

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
220	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	M3	446.13	1901.70	848405.42
230	Brick on edge flooring with bricks of class designation 7.5 on a bed of12 mm cement mortar, including filling the joints with same mortar, with common burnt clay non modular bricks : 1:6 (1cement : 6 coarse sand)	M2	647.10	1361.31	880903.70
240	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	43.53	7080.55	308216.34
250	Providing and laying damp-proof course 50 mm thick with cement concrete1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources: 4 graded stone aggregate 20 mm nominal size derived from natural sources).	M2	83.62	444.67	37183.31
260	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturers specification. (Unit: per bag of 50kg cement used)	BAG	27.51	14.82	407.70
270	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing,carriage for all leads; but excluding the cost of centering, shuttering,finishing and reinforcement as per direction of the engineer-in-charge,for the following grades of concrete.: in design mix shall be payable separately. In case the cement content in design mix is more than	M3	101.16	8629.68	872978.43

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	110%of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.All works upto plinth level : Concrete of M25 grade with minimum cement content of 330 kg /cum				
280	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge, for the following grades of concrete.: in design mix shall be payable separately. In case the cement content in design mix is more than 110%of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works above plinth level upto floor V level : Concrete of M25 grade with minimum cement content of 330 kg /cum	M3	198.06	8920.06	1766707.08
290	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	M2	403.56	278.69	112468.14
300	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	M2	458.62	509.09	233478.86
310	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts	M2	360.14	661.99	238409.08
320	Centering and shuttering including strutting, propping etc. and removal of form for : Stairs, (excluding landings)	M2	115.14	532.01	61255.63

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	except spiral-staircases				
330	Centering and shuttering including strutting, propping etc. and removal of form for Edges of slabs and breaks in floors and walls : Under 20 cm wide	M	136.83	148.40	20305.57
340	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform with water proof ply 12 mm thick	M2	884.52	711.33	629185.61
350	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:4 (1cement : 4 coarse sand)	M3	70.70	11142.95	787806.57
360	Providing and laying Autoclaved Aerated concrete(AAC) blocks masonry with 150 mm to 300 mm thick with Grade-1 AAC blocks of density 551 to650 kg/cum conforming to IS:2185 (Part 3) in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for seperately).	M3	143.50	6163.33	884437.86
390	Providing and laying Vitrified tiles in floor in different sizes(thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand &manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry@3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier,wedge, clips of required thickness, leveling system and rubber malletfor placing the tiles gently and easily. : Double charge vitrified tile polished finish : Size of Tile 600 x 600 mm.	M2	208.11	1121.23	233339.18
400	Providing and laying Vitrified tiles in floor in different sizes(thickness to be	M2	94.85	1130.39	107217.49

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand &manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry@3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier,wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. : Glazed Vitrified tilesMatt/Antiskid finish : Size of Tile 600 x 600 mm.				
410	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick	M2	200.96	1446.31	290650.46
420	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	M2	17.56	1662.38	29191.39
430	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge : Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	M2	150.99	2457.17	371008.10

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
440	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc.complete as per design approved by Engineer-in-Charge. : Granite work	M	72.00	343.99	24767.28
450	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	M	4.00	395.89	1583.56
460	Extra for providing opening of required size & shape for wash basin/kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc.complete.	EA	2.00	661.51	1323.02
470	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/ Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade),calcium carbonate and natural fibers (wood powder/ rice husk/ wheathusk) and non toxic additives (maximum toxicity index of 12 for 100 gms)fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face)& 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S holdfast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dashfasteners shall be paid for separately). dimensions i.e depth and width of profile shall be acceptable.	M	59.64	1101.79	65710.76

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	Variation in profile dimensions on plusside shall be acceptable but no extra payment on this account shall bemade. : Frame size 65 x 125 mm				
480	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid decorative type flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade),calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk)and non toxic additives (maximum toxicity index of 12 for 100 gms)having minimum density of 650 kg/cum and screw withdrawal strength of1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm2,modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof,water/moisture proof and fire retardant. WPC to be laminated with PVCfoil of minimum 14 microns thick of approved design pasted with hot melt adhesive on both faces of shutter and fixing with stainless steel but hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge.(Note: stainless steel butt hinges and necessary S.S screws shall be paid separately) : 35 mm thick	M2	25.31	4392.20	111166.58
490	CONSTRUCTION OF 150MM (CONSOLIDATED) GRANULAR SUB-BASE consolidated by dry rolling to proper grade including providing well compacted berms with earth on either side 1.2m wide levelled with finished road surface, dressing sub-grade including cutting surface upto75mm deep to required level and as per clause 401. (Road roller supplied by contractor).	M2	110.16	125.06	13776.61
500	CONSTRUCTION OF WATER BOUND MACADAM base course 100mm thick(Wearing course) and Surfacing Course (sealing coat) with loose hand broken metal of size 63mm and graded down to 45mm rolled dry to proper	M2	110.16	151.97	16741.02

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	compaction, grade and camber and wet rolling after placing bindage of loamy earth and finally sealing the compacted surface with a 25mm thick layer of sand shingles (Ref. to MoRTH Spec.404) and as directed as applied over new consolidated surface. (Road roller supplied by contractor).				
510	Supply of approved quality granular materials from approved quarry, free form organic matter including stacking in measurable stacks as directed.	M3	19.28	1471.43	28369.17
520	Supply of Hand broken hard stone metal from river boulder fairly cubical in shape, free from dust/dirt disingrated pieces, organic and other foreign matters(63mm to 45mm graded)	M3	13.77	2433.93	33515.22
530	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over50 mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. : 80 mm thick C.C. paver block of M-35grade with approved colour design and pattern.	M2	110.16	857.94	94510.67
540	Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size	M2	3.24	7861.18	25470.22

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamidePA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage ofwater etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design ap				
550	Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamidePA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash	M2	48.60	8073.26	392360.44

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	& mullion (if required) shall bemitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design ap				
560	Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamidePA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall bemitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of	M2	0.54	10778.00	5820.12

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design ap				
570	Float glass panes of nominal thickness 5mm (weight not less than 12.50kg/sqm)	M2	50.36	529.00	26640.44
580	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level.: Thermo-Mechanically Treated bars of grade Fe-500D or more.	KG	40678.60	84.81	3449952.07
590	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. : Fixed to openings /wooden frames with rawl plugs screws etc.	KG	1496.44	175.60	262774.86
600	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers,handles, including applying a priming coat of approved steel primer.	M2	13.52	8150.07	110188.95
610	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing,polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners ,stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	KG	281.58	603.75	170003.93
620	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth	M2	2514.51	111.94	281474.25

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	complete.				
630	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	M2	774.76	112.32	87021.04
640	Wall painting with premium acrylic emulsion paint of interior grade,having VOC (Volatile Organic Compound) content less than 50 grams/litre of approved brand and manufacture, including applying additionalcoats wherever required to achieve even shade and colour. : Two coats	M2	1739.74	94.90	165101.33
650	Applying priming coats with primer of approved brand and manufacture,having low VOC (Volatile Organic Compound) content. : With water thinnable cement primer on wall surface having VOC content less than 50grams/litre	M2	2514.51	48.49	121928.59
660	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied@0.75 ltr/10 sqm of approved brand and manufacture	M2	26.06	125.10	3260.11
670	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied@ 0.80 ltr/10 sqm of approved brand and manufacture	M2	36.67	120.57	4421.30
680	Providing and fixing bright finished brass butt hinges with necessary screws etc. complete : 125x85x5.5 mm (heavy type)	EA	33.00	215.37	7107.21
690	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : 250x10 mm	EA	22.00	359.19	7902.18
700	Providing and fixing bright finished	EA	11.00	570.33	6273.63

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	brass 100 mm mortice latch with one dead bolt and a pair of lever handles of approved quality with necessary screws etc. complete.				
710	Providing and fixing bright finished brass handles with screws etc. complete : 125 mm	EA	22.00	208.73	4592.06
720	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	EA	11.00	899.08	9889.88
730	Providing and fixing aluminium sliding door bolts, ISI marked anodised(anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete: 300x16 mm	EA	11.00	240.86	2649.46
740	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	M2	89.93	628.40	56512.01
750	Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyriphos/Lindane emulsifiable concentrate of 20%	L	50.36	191.84	9661.06
760	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion): Along the external wall below concrete or masonry apron using chemical emulsion @2.25 litres per linear metre including drilling and plugging holes etc.: With Chlorpyriphos/Lindane E.C. 20% with 1% concentration	M	85.65	35.29	3022.59
380	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1cement : 3 coarse sand), finished with a floating coat of neat cement. :18 mm thick	M2	102.78	458.65	47140.05

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
370	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	M2	2514.51	241.41	607027.86
770	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	M2	22.48	424.62	9545.46
780	Water proofing treatment of RCC sunshade with Zycosil/equivalent waterproofing Solution (1 litre of Zycosil/equivalent & 20 litres of waterstirred first & 2 litres of Zycoprime/equivalent added and stirred(total 23 litres)) till it meets the saturation level and testing as per RILEM or by water drops test in which water drops do not absorb but drops remain or rolls.	M2	516.89	99.33	51342.68
790	Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge. shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75 mm size cube crushing strength at the end of 28days to be not less than 30 N/Sqmm2). : 50 mm average thickness in 3layers.	M2	516.89	854.67	441770.38
800	Grading roof for water proofing	M3	25.84	7630.08	197161.27

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	treatment with : Cement concrete 1:2:4(1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)				
810	Grading roof for water proofing treatment with : Cement mortar 1:3 (1cement : 3 coarse sand)	M3	20.68	11588.93	239659.07
820	Providing and applying fibre reinforced elastomeric liquid waterproofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats@10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect asper the direction of Engineer- in-Charge.	M2	516.89	432.82	223720.33
830	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube1.5 m centre to centre, horizontal & vertical tubes joining with cup &lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S.staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding. deduction for scaffolding in the existing item to be done.	M2	597.11	239.59	143061.58
SECTION B: WATER SUPPLY, SANITARY & SEPTIC TANK					

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
10	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing &fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.	EA	3.00	11767.41	35302.23
20	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : White Vitreous China Wash basin size 630x450 mm witha pair of 15 mm C.P. brass pillar taps	EA	3.00	2162.64	6487.92
30	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	EA	3.00	1374.35	4123.05
40	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all asper manufacturers specification and direction of Engineer-in-charge.	EA	3.00	6342.63	19027.89
50	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink asper IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink with drain board : 510x1040 mm bowl depth 250 mm	EA	1.00	5388.79	5388.79
60	Providing and fixing PTMT soap Dish Holder having length of 138 mm, breadth 102 mm, height of 75 mm with concealed fitting arrangements,weighing not less than 106 gms.	EA	7.00	91.00	637.00
70	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the	EA	7.00	137.46	962.22

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	same materials with snap fittings of approved quality and colour, weighing ot less than 105 gms.				
80	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	EA	7.00	189.37	1325.59
90	Providing and fixing toilet paper holder : C.P. brass	M	3.00	599.12	1797.36
100	Providing and fixing PTMT Bottle Trap for Wash basin and sink. : Bottle trap 31 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms	EA	3.00	299.71	899.13
110	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain &brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work : 100 mm nominal dia Pipes	M	50.00	2612.43	130621.50
120	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. 100 mm dia : Sandcast iron S&S as per IS - 3989	EA	10.00	575.75	5757.50
130	Providing and fixing soil, waste and vent pipes : 100 mm dia : Sand cast iron S&S pipe as per IS: 1729	EA	4.00	924.88	3699.52
140	Providing and fixing PTMT grating of approved quality and colour. Circular type : 100 mm nominal dia	EA	5.00	30.71	153.55
150	Providing and fixing on wall face unplasticised Rigid PVC rain waterpipes conforming to IS : 13592 Type A, including jointing with seal ringconforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i)Single socketed pipes. : 110 mm diameter	M	138.00	283.73	39154.74
160	Providing and fixing on wall face unplasticised - PVC moulded	EA	10.00	191.16	1911.60

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	fittings/accessories for unplasticised Rigid PVC rain water pipes conforming toIS : 13592 Type A, including jointing with seal ring conforming to IS :5382, leaving 10 mm gap for thermal expansion. Single tee with door :110x110x110 mm				
170	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming toIS : 13592 Type A, including jointing with seal ring conforming to IS :5382, leaving 10 mm gap for thermal expansion. Single tee without door :110x110x110 mm	EA	8.00	180.71	1445.68
180	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS :5382, leaving 10 mm gap for thermal expansion. Bend 87.5° : 110 mm bend	EA	15.00	122.76	1841.40
190	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming toIS : 13592 Type A, including jointing with seal ring conforming to IS :5382, leaving 10 mm gap for thermal expansion. Shoe (Plain) : 110 mm Shoe	EA	8.00	107.66	861.28
200	Providing and fixing unplasticised - PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard woodplugs, screwed with M.S. screws of required length, including cuttingbrick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand)and making good the wall etc. complete. : 110 mm	EA	10.00	249.93	2499.30
210	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	EA	8.00	44.64	357.12
220	Providing and fixing PTMT grating of approved quality and colour.Circular type : 100 mm nominal dia	EA	2.00	30.71	61.42
230	Providing and fixing mirror of superior glass (of approved quality) andof required shape and size with plastic	M	3.00	1576.21	4728.63

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	moulded frame of approved make and shade with 6 mm thick hard board backing : Rectangular shape1500x450 mm				
240	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x 300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design: 100x100 mm size P type : With Sewer bricks conforming to IS :4885	EA	2.00	2938.37	5876.74
250	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarses and) C.I. cover with frame (light duty) 455x610 mm internal dimensions,total weight of cover with frame to be not less than 38 kg (weight ofcover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix(1 cement : 1.5 fine sand : 3 graded stone aggregate 20 mm nomina lsize), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete asper standard design: Inside dimensions 455x610 mm and 45 cm deep for single pipe line : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	EA	3.00	6877.84	20633.52
260	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 mlong complete as per standard design. : With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	EA	1.00	25769.64	25769.64
270	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in -	EA	3.00	285.05	855.15

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	charge.				
280	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain &brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work : 15 mm nominal dia Pipes	M	80.00	167.76	13420.80
290	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain &brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work : 25 mm nominal dia Pipes	M	20.00	255.72	5114.40
300	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain &brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work : 50 mm nominal dia Pipes	M	40.00	611.80	24472.00
310	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. : 15 mm nominal bore	EA	5.00	670.06	3350.30
320	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. : 15 mm nominal bore	EA	4.00	652.28	2609.12
330	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. : 15 mm nominal bore	EA	10.00	547.37	5473.70
340	Providing and fixing gun metal non-return valve of approved quality(screwed end) : 50 mm nominal	EA	3.00	1119.50	3358.50

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	bore : Horizontal				
350	Providing and fixing gun metal non-return valve of approved quality(screwed end) : 50 mm nominal bore : Vertical	EA	3.00	1179.90	3539.70
360	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS:12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.(Unit: per litre)	L	1000.00	8.97	8970.00
370	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge. All kinds of soil	M3	16.56	142.91	2366.59
380	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	0.83	7080.55	5876.86
390	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	3.04	8268.35	25135.78
400	Brick on edge flooring with bricks of class designation 7.5 on a bed of12 mm cement mortar, including filling the joints with same mortar, with common burnt clay non modular bricks : 1:6 (1cement : 6 coarse sand)	M2	11.04	1361.31	15028.86
410	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:4	M3	4.35	11142.95	48471.83

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	(1cement : 4 coarse sand)				
420	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. : Cement mortar 1:4 (1 cement :4 coarse sand)	M2	4.50	1452.35	6535.58
430	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	M2	9.62	278.69	2681.00
440	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	M2	97.02	278.43	27013.28
450	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1cement : 3 coarse sand), finished with a floating coat of neat cement. :18 mm thick	M2	48.51	458.65	22249.11
460	52 mm thick cement concrete flooring with concrete hardener topping,under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @2 litre per 50 kg of cement or as per manufacturer's specifications.This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	M2	6.00	749.86	4499.16
470	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.: Thermo-Mechanically Treated bars of grade Fe-500D or more.	KG	216.08	84.81	18325.74
SECTION C: INTERNAL ELECTRICAL WORKS					
10	Supplying and fixing of following ways surface/ recess mounting,vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper busbar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required . (Note : Vertical type MCB TPDB is normally	EA	1.00	10865.56	10865.56

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	used where 3 phase outlets are required.) 8 way (4 + 24),Double door				
20	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess,complete with tinned copper bus bar, neutral bus bar, earth bar, dinbar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)8 way (4 + 24), Double door	EA	2.00	6420.65	12841.30
30	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts,10kA "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections,testing and commissioning etc. as required. Single pole	EA	48.00	288.76	13860.48
40	Supplying and fixing 63 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Triple Pole	NO	8.00	1854.53	14836.24
50	Supplying and fixing of Residual current operated Circuit Breaker with Overcurrent protection (RCBO) Four Pole 415 V 63 Amps 30mA in existing distribution board.	NO	2.00	4181.78	8363.56
60	Supplying and fixing of Molded case circuit breaker(MCCB) Four Pole 415V 125 Amps ,Thermal Magnetic type Icu=16 kA with O\L, S\C, G\Fprotection in existing distribution board as required.125 A	EA	1.00	5648.76	5648.76
70	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	EA	10.00	14.18	141.80
80	Supplying, providing and constructing GI Pipe Earth electrodes as PerIS:3043; GI Pipe Medium Class 'B' 65 mm Dia; 3000 mm long complete withEarth Pit and all necessary materials including excavation of Earth Pit,filling with homogeneous layer of Charcoal and salt, Back filling, providing necessary Brick Masonry work, Plastering, MS/CI cover;	NO	2.00	9563.01	19126.02

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	Testlinks for connecting the earth Grid and Earth Electrode etc.This also includes testing of Earth resistance after completion as per Indian Electricity Rules. Minimum depth of burial shall be 3000 mm, homogenoushygroscopic material should not be less than 1 cum.& should cover 300 mmaround the electrode up to a height of 2500 mm. The scope of work alsoincludes providing earth pit markers indicating resistance, test date,next due date etc.as per std. earthpit boards on GI plate of size @ 300x300 mmx 2mm thick with a GI hollow section stand of of 25 mm square &length @ 1m; grouted in PCC 1:4:8 at a depth of @300 mm below the groundlevel and the top of plate should be @ 700 mm above the ground level.				
90	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground levelfor conductor earth electrode, including connection/termination with GI thimble etc. as required.	M	50.00	62.82	3141.00
100	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I.nut, bolt, spring, washer etc. as required. (Jointing shall be done byover lapping and with 2 sets of G.I. nut bolt & spring washer spaced at50mm)	M	70.00	162.11	11347.70
110	Supply, installation and connection of following 50 x 6 mm GI earthing strip including welding at Jointings, providing anti-corrosive paint or bitumen and jute covering for welded portion, clamping and necessary hardware for connecting, etc., including all labour and materials, asper approved drawings, specifications of this tender and directions of EIC.	M	20.00	459.95	9199.00
120	Supply of 1.1 kV grade XLPE insulated core laid up PVC tapeinnersheathed armoured aluminium cable of following rating, Confirmingto IS : 7098 (Part-I),IS:8130-1984,IS:10810-1984,IS:10418-1982.3.5C x 70 sq mm armoured cable.	M	150.00	491.70	73755.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
130	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required Above 35 sq. mm and upto 95 sq. m	M	150.00	481.27	72190.50
140	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed /XLPE aluminium conductor cable of 1.1 KV grade as required.3½ X 70 sq.mm (38mm)	EA	2.00	549.15	1098.30
150	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the ame in case of recessed conduit as required.20 mm	M	200.00	152.99	30598.00
160	Supplying and fixing of following sizes of medium class PVC conduitalong with accessories in surface/recess including cutting the wall and making good the ame in case of recessed conduit as required.25 mm	M	200.00	170.22	34044.00
170	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the ame in case of recessed conduit as required.32 mm	M	100.00	211.76	21176.00
180	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch,modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.Group B	P	20.00	1379.98	27599.60
190	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch,modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required. Group C	P	45.00	1726.49	77692.05

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
200	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium classPVC conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required	P	5.00	1826.80	9134.00
210	Wiring for group controlled (looped) light point/fan point/exhaust fanpoint/ call bell point (without independent switch etc.) with 1.5 sq. mmFRLS PVC insulated copper conductor single core cable in surface/recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVCinsulated copper conductor single core cable etc. as required. Group B	P	50.00	896.68	44834.00
220	Wiring for group controlled (looped) light point/fan point/exhaust fanpoint/ call bell point (without independent switch etc.) with 1.5 sq. mmFRLS PVC insulated copper conductor single core cable in surface/recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required. Group C	P	10.00	1007.12	10071.20
230	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copperconductor single core cable in surface/ recessed medium class PVC conduit along with 1 No 4 sq. mm FRLS PVC insulated copper conductorsingle core cable for loop earthing as required.	M	300.00	377.92	113376.00
240	Wiring for circuit/ submain wiring alongwith earth wire with thefollowing sizes of FRLS PVC insulated copper conductor, single corecable in surface/ recessed PVC conduit as required.2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	M	200.00	270.52	54104.00
250	Wiring for circuit/ submain wiring alongwith earth wire with thefollowing sizes of FRLS PVC insulated copper conductor, single corecable in surface/ recessed PVC conduit as required.2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth	M	500.00	315.11	157555.00

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	wire				
260	Wiring for circuit/ submain wiring alongwith earth wire with thefollowing sizes of FRLS PVC insulated copper conductor, single corecable in surface/ recessed PVC conduit as required.4 X 16 sq. mm + 2 X 6 sq. mm earth wire	M	70.00	1783.23	124826.10
270	Supplying and drawing following pair 0.5 mm dia FRLS PVC insulatedannealed copper conductor, unarmored telephone cable in the existingsurface/ recessed steel/ PVC conduit as required.5 Pair	M	200.00	87.11	17422.00
280	Supply and fixing of Telephone outlet (RJ11) as required with completeaccessories as directed by EIC	NO	10.00	98.73	987.30
290	Supply of 50Pair Telephone Junction Box(JB) with original Kroneconnector Thermoplastic Polycarbonate Body & Transparent Cover UVResistant in accordance with IEC 61439-1, Clause no 10.2.4,ChemicalResistant, Corrosion proof, halogen & silicone free, Colour – PerforatedCoated self-finish, Grey Colour RAL-7035 IP:IP66 conforming to IEC60529for Indoor & outdoor installation Impact strength:IK 08(5 Joule) inaccordance with DIN EN 50 102	NO	1.00	6233.39	6233.39
300	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	EA	5.00	113.48	567.40
310	Supplying and fixing suitable size GI box with modular plate and coverin front on surface or in recess, including providing and fixing 6 pin5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc.as required	EA	10.00	667.70	6677.00
320	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providng and fixing 2 nos.3pin 5/6 A modular socket outlet and 2 nos. 5/6 A modular switch,connections etc. as required. (For light plugs to be used in nonresidential buildings).	EA	30.00	766.99	23009.70
330	Supplying and fixing following size/ modules, GI box along with modularbase & cover plate for modular	EA	20.00	358.67	7173.40

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	switches in recess etc as required. 1 or2 Module (75mmX75mm)				
340	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.15/16 A switch	EA	6.00	178.32	1069.92
350	Supply , Installation, testing and commissioning of 1200 mm sweep, BEE5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor,class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos.canopies, shackle kit, safety rope, copper winding, Hexagonal GI box forholding of fan Power Factor not less than 0.9, Service Value (CMM/W)minimum 6.85, Air delivery minimum 215 CMM, 350 RPM (tolerance as per IS: 374-2019), THD less than 10%, electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc.complete as required	NO	12.00	2920.04	35040.48
360	Supply of ISI marked 300 mm sweep, 230 Volt AC Ring mounted Exhaust Fan including wire guard, louvers etc.	NO	5.00	2516.59	12582.95
370	Installation of exhaust fan in the existing opening, including making good the damage,connection, testing, commissioning etc. as required.(Upto 450 mm sweep)	NO	5.00	563.34	2816.70
380	Supply , Installation, testing and commissioning of Cool day whitesurface mounted circle luminarie min output Lumen shall be 1500 lumen,5700 K Cool day white surface mounted circle luminarie with completeaccessories as directed by the E-I-C	NO	65.00	2090.70	135895.50
390	Supply, Installation, Testing & Commissioning of Decorative bulk headLED luminaries IP 65 rating with 2000 min lumen output , 3000 to 4500 Kcolour temperature, with complete accessories as directed by the E-I-C	NO	10.00	1204.09	12040.90

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
400	Supply, Installation, Testing & Commissioning of BIS Approved LED square luminaries IP 55 with 3000 min lumen output , 4500 to 5700 K colour temperature, with complete accessories as directed by the OIL(for entry double height area)	NO	12.00	7785.92	93431.04
410	Supply of 1.1 kV grade PVC insulated PVC tape inner sheathed armoured4core copper cable of size 2.5sqmm Confirming to IS : 7098 (Part-I),IS:8130-1984,IS:10810-1984,IS:10418-1982.4C x 2.5 sq mm armoured Cu cable.	M	300.00	135.64	40692.00
420	Laying and fixing of one number PVC insulated and PVC sheathed / XLPEpower cable of 1.1 KV grade of following size on cable tray asrequired.Upto 35 sq. mm (clamped with 1 mm thick saddle)	M	300.00	53.70	16110.00
SECTION D: DRAIN					
10	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge. All kinds of soil	M3	53.61	142.91	7661.41
20	Excavating, supplying, stacking and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20cm infoundation trenches, plinth, sides of foundation etc. complete for all lift.	M3	9.57	495.53	4742.22
30	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	5.11	7080.55	36181.61
40	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : cement mortar 1:4(1	M2	102.12	1315.05	134292.91

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	cement : 4 coarse sand)				
50	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1cement : 3 coarse sand), finished with a floating coat of neat cement. :18 mm thick	M2	140.42	458.65	64403.63
60	Providing and fixing factory made precast RCC perforated drain covers,having concrete of strength not less than M-25, of size 1000 x 450x50mm, reinforced with 8 mm dia four nos longitudinal & 9 nos cross sectional T.M.T. hoop bars, including providing 50 mm dia perforations @100 to 125 mm c/c, including providing edge binding with M.S. flats ofsize 50 mm x 1.6 mm complete, all as per direction ofEngineer-in-charge.	EA	85.10	1142.97	97266.75
GROUP C:BOUNDARY WALL					
SECTIONA:BOUNDARY WALL					
10	Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth up to 30 cm measured at a height of 1m above ground level and removal of rubbish up to a distance of 50moutside the periphery of the area cleared.	M2	1200.00	10.85	13020.00
20	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 30 cm girth upto and including 60cm girth	EA	8.00	330.10	2640.80
30	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120cm girth	EA	4.00	1467.42	5869.68
40	Cutting / prunning / trimming of tree branches and stacking at site within 30 m or as directed.	M3	51.00	161.45	8233.95
50	Collecting / excavating sand, soil, silt, ordinary earth from any source, load into lorries, transport it to distant place of work including procuring earth and laying in layer of 150mm	M3	80.00	499.79	39983.20

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	thickness and compacting, profile properly made for taking measurement, including all measurable lead upto 30m and lift as required. (The contractor shall be responsible for all formalities of supply of earth such as purchase of land including royalties, monopoly / other statutory taxes as required from any distance.) (FOR TENDER, ROYALTY EXCLUDED)				
60	Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead.	KG	46.50	22.74	1057.41
70	Dismantling expanded metal or I.R.C. fabrics with necessary battens and beading including stacking the serviceable material within 50 metres lead.	M2	465.00	47.39	22036.35
80	Dismantling and stacking within 50 metres lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base of :T' or 'L' iron or pipe	EA	12.00	152.13	1825.56
90	Dismantling and stacking within 50 metres lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base of :R.C.C.	EA	6.00	165.84	995.04
100	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	KG	2290.50	2.44	5588.82
110	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50metres lead as per direction of Engineer-in-charge. : In cement mortar	M3	12.61	1272.27	16043.32
120	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	M3	8.51	2194.84	18678.09
130	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not	M3	452.20	210.51	95192.62

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil.				
140	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to50 and for all lift.	M3	226.10	121.88	27557.07
150	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	M3	80.00	1901.70	152136.00
160	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15cm deep and disposal of rubbish, lead up to50m and lift up to 1.5m All kinds of soil	M2	1200.00	21.05	25260.00
170	Brick on edge flooring with bricks of class designation 7.5 on a bed of12 mm cement mortar, including filling the joints with same mortar, with common burnt clay non modular bricks : 1:6 (1cement : 6 coarse sand)	M2	480.16	1361.31	653646.61
180	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	36.03	7080.55	255112.22
190	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	47.73	8268.35	394648.35
200	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth	M3	39.87	9414.79	375367.68

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarses and(zone-III) derived from natural sources: 3 graded stone aggregate20 mm nominal size derived from natural sources)				
210	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations, footings, bases of columns, etc. for mass concrete	M2	194.72	278.69	54266.52
220	Centering and shuttering including strutting, propping etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers	M2	52.94	509.09	26951.22
230	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts	M2	612.45	661.99	405435.78
240	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level.: Thermo-Mechanically Treated bars of grade Fe-500D or more.	KG	10095.78	84.81	856223.10
250	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:4 (1cement : 4 coarse sand)	M3	19.77	11142.95	220296.12
260	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. : In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	KG	36031.77	129.53	4667195.17
270	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	M2	114.77	241.41	27706.63
280	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	M2	95.52	278.43	26595.63
290	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	M2	222.71	79.84	17781.17
300	Painting with synthetic enamel paint of approved brand and manufacture to	M2	66.00	105.59	6968.94

SL NO	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	give an even shade : Two or more coats on new work				
310	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	M	191.04	51.59	9855.75
320	Hire charges of Pump set of capacity 4000 litres/hour	DAY	15.00	807.62	12114.30
330	Hessian cloth	M2	1200.00	38.36	46032.00
340	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	M3	21.12	215.52	4551.78
350	Lettering with black Japan paint of approved brand and manufacture. (Unit: per letter per cm height)	PLC	2400.00	3.97	9528.00
	TOTAL EXECUTION COST, X				**145374009.74**
GROUP D: Forest Royalty & BOCW CESS					
10	Forest Royalty as applicable on the execution cost. Additional 10% cess on forest royalties for MMDRRF. Additional 10% cess on forest royalties for DMFT, **Y**	EA	3488969.85	1.00	3488969.85
20	BOCW CESS, **Z**	EA	1453737.44	1.00	1453737.44
	TOTAL ESTIMATED COST(X+Y+Z) (IN RUPEES)				**15,03,16,717.03**

Note:

a) Bidder must quote overall price within the range of "At Par" to "+10%" of Company's Internal Estimate.

b) Bidder must include all impale plant, labour, supervision, materials, erection of display board, sign/caution board, insurance, profit, taxes and duties, together with all general risks, liabilities in their quoted rates excluding PF and GST.

c) Forest Royalty is to be calculated and paid as per the "Third Schedule" of Notification No. PEM 130/2021/40 dated 7th October 2021 & other ancillary charges as per Notification No. PEM 130/2021/55 dated 16th December 2021.

The Clauses of SCC shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC

WORKS CONTRACT

SPECIAL CONDITIONS OF CONTRACT

DESCRIPTION OF WORK/SERVICES: Construction of G+3 Main Office Building, G+1 Annex Building along with Boundary Wall at Security Department, FHQ, Duliajan including supply of all materials.

1. INTRODUCTION

Brief specifications are given herein and are intended solely for general guidance purpose of the bidders. The job scope includes the details for Construction of G+3 Main Office Building, G+1 Annex Building along with Boundary Wall at Security Department, FHQ, Duliajan.
The contractor shall be responsible to complete the entire work in all respects and other works necessary to complete the job though especially not covered in the scope of work.

All materials (inclusive of cement), manpower, tools, equipment & consumables shall be in the scope of supply of contractor.

It shall clearly be noted that the bidders are required to quote their rates taking into consideration all aspects as per site requirements and specifications enclosed along with this tender document. Quoted offers shall be inclusive of all materials, labour, all taxes & lavies except PF & GST.

2. **SCOPE OF CIVIL WORK**:

2.1 **GENERAL**:

The contractor must complete the work in all respect within the work duration allotted to him as per work order. However, any delay in completion of the work due to reasons not attributable to the contractor will be considered based on hindrance register maintained during delay analysis of the work after its completion and the same will be considered during the calculation of LD as per contract. Moreover, the duration of work allotted to the contractor is inclusive of Sundays & Holidays but excluding such type of hindrances not attributable to the contractor.

All materials used in the work shall conform to the latest revision of the relevant Indian Standard Specifications to the extent practicable. Where no such specifications exist, they shall be of the best quality available in the market. Wherever ISI certified materials and products are available, these alone shall be used. All materials shall be stored at site in accordance with ISI-4082-1996.

Unless specially provided for in the contract the tendered rates shall include the cost of carriage, transport, loading, unloading and stacking as directed for all materials required on the work. Where a tender provides a rate for transport of materials, it includes for all loading, unloading and stacking on the site in such position and manner as directed. Any materials found not conforming to specification must be removed from site within 48 hours.

All jobs as per the scope of work shall be carried out in accordance with relevant Indian Standard specifications and direction of Engineer-In-Charge.

Barricading of the construction site if required shall be carried out by the contractor as per site conditions and direction of Engineer-In-Charge at his own cost.

2.2 **STORAGE**

All Materials for construction shall be transported, handled and stored at site carefully so as to prevent damage of any kind. The contractor should keep the materials at his own risk and cost.
To protect the cement against rain and moisture, the cement bags shall be stored in a weather proof shed, the floor of which should be raised at a height 300 mm clear from the ground. The bags should also be kept at a minimum space of

600 mm away from the nearest wall or ceiling all round. Avoid stacking more than 15 bags on top of each other to avoid the risk of cement forming lumps.

2.3 **SITE CLEARANCE, EXCAVATION AND DISPOSAL**:

Before the earthwork is started, the area coming under cutting and/refilling shall be cleared of shrubs, vegetation, grass, uprooting of tree stumps and such others, and rubbish removed up to a distance of 50 meters outside the periphery of the area under clearance.The rate of such site clearance is deemed to be included in the quoted rate by the Contractor.

All excavations shall be done to the minimum dimensions as required for safety and working facility.
The excavation must be carried out in the most expeditious and efficient manner.
The excavated spoils will be disposed of in any or all the following manners :

2.3.1 By using it for backfilling straightway.

2.3.2 By stacking it temporarily for use in backfilling at a later date during execution of the Contract.

a) By either spreading, Or
b) Spreading and compacting at designated disposal areas.

2.4 **DISMANTLING**

The dismantling work shall be done by the contractor in accordance with the given plan, description and specifications. While walls are being demolished, it shall be ensured that they are not allowed to fall as single mass upon the floor of the building that are being demolished so as not to exceed the safe carrying capacity of the floors. Walls shall be removed part by part without hampering the existing RCC columns and beams. When dismantling is done by mechanical devices it shall be assured that it will not cause any damage to existing parts of the building.
All the dismantling work done by the contractor shall be conducted using their own equipment and staffs. All necessary safety appliances such as safety helmets, goggles, gloves etc. shall need to be issued accordingly by contractor to the workers prior to the starting of work. Proper safety distances shall be ensured for the safety of the public. Warnings shall be clearly marked and prominently signposted. Debris shall be removed at the earliest to ensure a safe and adequate working space.

2.5 **CEMENT CONCRETE/ REINFORCED CEMENT CONCRETE WORK**:

All C.C. work in 1:3:6 proportions unless otherwise specified shall be done with 18 mm graded down broken stone. Broken stone shall be properly screened before use. All reinforced cement concrete work to be done in prop. 1:1:2 unless otherwise specified -18mm down to 12mm graded down broken stone as per related drawings and instructions of site Engineer to be followed in case of any discrepancies. Proper vibration to be done as per IS recommendation. Floor paneling to be done in the line of expansion joint as directed by Engineer-In-charge.
Fine Aggregate - Fine aggregate shall be hard, durable, clean and free from adherent coating and organic matter. It shall not contain harmful impurities such as pyrites, coal, lignite, mica, shale or similar laminated material, clay, alkali, soft fragments, sea shells and organic impurities in such quality as to affect the strength or durability of the concrete. Fine aggregate to be used for reinforced concrete shall not contain any material liable to attack the steel reinforcement. Fine aggregate which is chemically reactive with alkalis of cement is harmful as cracking of concrete may take place.
Coarse Aggregate - Coarse aggregate shall be obtained from natural sources such as stone, gravel, etc. crushed or un-crushed or a continuation thereof from approved quarries. This shall consist of coarse material most of which is retained on 4.75mm sieve. Aggregate shall be hard, strong, dense, durable, clean and free from veins and adherent coatings. It shall be free from soft, feeble, thin, elongated or laminated pieces and shall be roughly cubical in shape. It shall be clear and free from dirt and any other deleterious matter.
Reinforcement bars - The following types of steel for reinforcement shall be used in reinforced concrete construction and these shall conform to Indian Standards or as revised from time to time mentioned against each

2.5.1 Mild steel and medium tensile steel bars and hard drawn steel wire - IS: 432.

2.5.2 HYSD bars - IS: 1786.

Bending & Placing steel reinforcement in position-Bending shall be carried out as per relevant IS specification and direction of the Engineer-in-charge. All reinforcement bars shall be accurately placed in position with spacing and cover as shown in the drawing or as specified and firmly held so during the placing and vibrating and setting of concrete. Bars shall be thoroughly cleared of rust, seals, grease, oil and any other foreign matter before placing them in position. The overlap jointing shall be staggered. The bars shall be fixed with 22G binding wire. Precast cover blocks 1:2 (1 cement: 2sand) cement mortar 40 mm square and necessary thickness shall be used to keep the reinforcement bars in proper position. For this block, no extra payment to be made. Wire required for binding shall not be measured separately. Tack welding shall also be permitted in lieu of building with steel wire.

Proportioning of mix - Proportioning shall be done by volume. Boxes of suitable size shall be used for measuring sand and aggregates. The size of the boxes (internal) shall be 35 x 25cm and 40cm deep. The unit of measurement for cement, shall be a bag of cement weighting 50 Kg and this shall be taken as 0.035 cubic meter. While measuring the aggregate and sand the boxes shall be filled without shaking, ramming or hammering. The proportioning of sand shall be on the basis of its dry volume and in case of damp sand, allowances for bulkage shall be made.

Mixing - Mixing of reinforced cement concrete shall, as a rule be done in a mechanical mixer. However, the Engineer-in-charge may permit hand mixing in specific cases where in his opinion it is not practicable to resort to mechanical mixing, either on account of the quality of cement concrete required is small or for any other reason. In such cases, it should be ensured that the inferior quality of concrete produced by hand mixing will not adversely affect the structure.

Consistency - The quantity of water to be used for each batch containing 50 Kg of cement, to give the required consistency shall not be more than 34 litres for 1:3:6, mix 32 litres for 1:2:4 mix, 30 litres for 1:1.5:3 mix and 27 litres for 1:1:2 mix. In case of vibrated concrete, the above quantity shall be suitably reduced. The quantity of water shall be regulated by carrying out regular Slump Test.

Placing of concrete - Before placing the concrete the sub-base/form work shall be cleared of all injurious or foreign matter, watered and well consolidated. Formwork shall be clean and free from all foreign material. It is necessary that the time between mixing and placing of concrete does not exceed the initial setting process. Mixed concrete that has been left standing shall not be used after the initial set has commenced the addition of water (or cement) to make such a mixture more workable shall not be allowed. In foundation trenches or such other situations, the entire concrete used in the work shall be laid gently (not thrown) in layers not exceeding 15cm. The concrete so deposited shall be thoroughly vibrated by means of mechanical vibrators till dense concrete is obtained.

Curing - Concrete shall be carefully protected during first stage of hardening from harmful effects or excessive heat, drying winds, rain or running water and shock. After the concrete has begun to harden i.e. about 1 to 2 hours after its laying it shall be protected from quick drying with moist gunny bags or any other material approved by the Engineer-in-charge. After 24 hours of laying of concrete the surface shall be cured by flooding water upto 25mm depth or by covering with wet adsorbent materials. The curing shall be done for a minimum period of 7 days from the date of pouring of concrete, unless otherwise specified.

Finishing - In case of roof slabs the top surface shall be finished even and smooth with wooden trowel, before the concrete beings to set. The surface of RCC slab on which the cement concrete or mosaic floor is to be laid shall be roughened with brushes while the concrete is green. This shall be done carefully without disturbing the concrete. Before laying the floor, the laitance shall be removed, the surface of slab hacked and a coat of cement slurry at 2.75 Kg of cement per square metre shall be applied, so as to get a good bond between RCC and concrete floor. The exposed surface which is to receive plaster or where it is to be joined with brick masonry wall, shall be properly roughened immediately after the removal of form work, taking care to remove the laitance completely without disturbing the concrete. Before the surface is plastered, it shall be cleaned and wetted so as to give good bond between concrete and plaster.

2.6 **FORM WORK**:

The formwork shall be rigid and so corrected as to retain the shape and dimensions of the member being cast. Form work for concrete shall be seasoned timber or other approved materials as per directions of the Engineer. It shall be sufficiently tightened to prevent loss of cement slurry and all holes and joints shall be chaulked with putty. It shall have sufficient strength and rigidity to withstand the load of concrete, and vibrations, movement of men, materials and plants and any other incidental loads without excessive deflection beyond permissible limits. The formwork shall be so constructed as to be removable in sections by inscribing or otherwise loosing - them without hammering or levering with force. Only wedges, clamps bolts or screws etc shall be used in preference to nails or spikes. All side pieces shall be easily removable without disturbing the bottom pieces. Where however, use of nails and spikes become unavoidable, these shall be left projecting so that they can easily be withdrawn.

Surface treatment for shuttering - Forms shall be cleaned of all dust, wood shavings, dirt and other matter by washing with water. This process is facilitated by providing draining holes in the shuttering. The surface shall then be coated with soap solution applied before concreting is done. Soap solution for the purpose shall be prepared by dissolving yellow soap in water to get consistency of paint. Alternatively a coat of raw linseed oil/refined pale paraffin mineral oil or form oil of approved manufacture may be applied. In case steel shuttering is used, soap solution or row linseed oil shall be applied after thoroughly cleaning the surface. Care shall be taken that such approved composition is kept out of contact with the reinforcement.

In normal circumstances and where ordinary Portland cement is used form may generally be removed after the expiry of the following periods.

2.6.1 Walls, columns and vertical face of all structural members as may be decided by the Site Engineer: 24 to 48 hours.

2.6.2 Slabs side (props left under): 3 days

2.6.3 Beam soffits (props. left under):14 days

2.6.4 Removal of props under slabs

a) Spanning up to 4.5 m: 14 days
b) Spanning over 4.5 m: 21 days

2.6.5 Removal of props under beams:

a) Spanning up to 6 m: 21 days
b) Spanning above 6 m: 28 days

In no circumstances shall forms be struck until the concrete reaches a strength of at least twice the stress to which concrete may be subjected at the time of removal of form work. All form works shall be removed without such shock or vibration as would damage the concrete. Form work for long span deep beams to be supported by MS props or Bhaluka Bamboo props as required based on the design for the formwork to take care the massive load of the green concrete.

2.7 **BRICKWORK**:

Brick works up to plinth level

2.7.1 The bricks used shall be of 7.5 class designation quality locally available and as approved by the Site Engineer.

2.7.2 Bricks shall be of size as specified in the item of work or of nominal size where no particular size is mentioned.

2.7.3 Bricks shall be well burnt, sound, hard with sharp edges of uniform size and shape free from cracks, stones or particles of lime and other defects, shall be kiln burnt and satisfy the following requirement:

a) They shall give a clear metallic sound when struck.
b) They shall be of uniform colour and size.
c) They shall not be cracked, stratified or under or over burnt.

2.7.4 The tolerance in dimensions shall be +/- 12mm in length, 6mm in width and 3mm in height.

2.7.5 Keys or frogs shall be formed on one of the larger size, except in the case of machine extruded bricks where no frogs are required.

2.7.6 The increase in weight when soaked in water for 24 hours shall not be more than 20% of the dry weight of the bricks.

2.7.7 If required by the Site Engineer, necessary test shall be conducted at the contractor's expense to ensure quality.

The bricks used for the construction shall beof best quality locally available and shall be thoroughly soaked in clean water for at least an hour immediately before use (The absence of bubbling when the soaked brick is immersed in water is the test for thorough soaking).

The soaked bricks shall be kept on a platform free from dirt, mud or any foreign element. Care must be taken that the bricks are perfectly clean and free from lime, moss or dirt of any kind. If necessary they must be scrubbed before use. Half or cut bricks shall be not used except for closures which may be required to complete the bond.

It shall be ensured that all horizontal and vertical joints are completely filled with mortars without any void in brickwork. All courses shall be laid truly horizontal. Vertical joints shall be truly vertical and those in alternate courses shall be in the same vertical line. The verticality of the brick wall should be ensured by frequently checking with plumb bob.

Troughs shall be formed by means of fillets of mortar 51mm high all around the unfinished wall and shall be kept filled with water. Brick masonry should be regularly cured for two weeks. The thickness of brick courses shall be uniform. Great care must be taken to masonry in progress of construction damp.

2.8 **AAC BLOCK**: External and internal walls made of AAC blocks produced from the common materials lime, sand, cement, Fly ash and water, and a small amount of rising agent after mixing , moulding, and then autoclaved under heat and pressure in factory.

External walls block size 600 x 200 x 230
Internal wall block size 600 x 200 x 150
Compressive Strength N/mm 2 3 – 4.5 (IS 2185 part 3)
Sound Reduction Index Db 45 for 200 mm Thick Wall
Note: RCC ledge walls to be provided for conceal cisterns in all toilets.

2.9 **CEMENT MORTAR**

2.9.1 Must be freshly mixed: Mortar should be mixed in small quantities so that it can be used conveniently before the mortar starts setting. The mortar which has already taken its initial set should never be used and should be removed from the site immediately.

2.9.2 Method of mixing: The cement and sand shall be mixed dry in the specified proportions, by turning over at least three times on the mixing platform. Only sufficient water will then be added, thorough a rose of a watering can, to produce a workable mixture. The wet mortar will be thoroughly worked or mixed by repeatedly turning over, not less than three

times on the mixing board.Fresh water should be used in mortar mix preparation. The water should be free from oils, dust, alkalis, etc.Use of seawater in mortar mixture should be avoided.

2.9.3 Size of mixing platform and precaution against list: All mixing of mortar must be done on platforms of angle size and workman bringing the material to and from the platform must not be permitted to walk about on it, thereby bringing mud or dirt to the place, where the mortar is being mixed. The platform has to be clean and level and all joints closed or filled so that the cement is not washed out.

9.4) Proportion of cement and sand: Where not otherwise specified, cement mortar for plaster will consist of one part of cement to two parts of sand. For mortar for brick or stone masonry work the proportion unless otherwise specified, will be one part of cement to three parts sand.After casting, mortar works should be kept wet for a week or two. It will prevent the rapid drying of mortar, especially in hot weather.

2.10 **ALUMINIUM WORKS:**

The work shall be carried out according to the specifications of aluminium extruded tubular and other aluminium sections as per the architectural drawings and approved shop drawings , the aluminium quality as per grade 6063 T5 or T6 as per BS 1474,including super durable powder coating of 60-80 microns conforming to AAMA 2604 of required colour and shade as approved by the Engineer-in-Charge. (The item includes cost of material such as cleats, sleeves, screws etc. necessary for fabrication of extruded aluminium frame work. Nothing extra shall be paid on this account). The weight of aluminium extruded section shall be taken for purpose of payment.

2.11 **UPVC WORKS DOOR WINDOW AND VENTILATOR**:

The work shall be carried out according to the specifications mentioned in code. Both the fixed and opening frames shall be constructed of sections, which have been cut to length and mitred. The corners of fixed and opening frames shall be electrically flash butt welded to form a solid and true right angle and all frames shall be square and flat.

Float Glass panes of 5 mm thickness and weight not less than 20kg/sqm should be provided.

The general nature and the scope of work to be carried out under this contract is indicated in Specifications, Drawings and Schedule of Quantities.

The contractor shall carry out and complete the said work under this contract in every respect in conformity with the contract documents and with the direction of and to the satisfaction of the Owners site representative.

The contractor shall furnish all labour, materials and equipment (except those to be supplied by the owner) as listed under schedule of quantities and specified otherwise, transportation and incidentals necessary for supply, installation, testing and commissioning of the complete work for windows as described in the specifications and as shown on the drawings and as per site conditions.

Quality of work: Materials, tools and plants and workmanship shall be the best of the several kinds obtainable in the market and as approved by the engineer. Rejected material, if any shall be removed from site as desired by the engineer.

The work shall be carried out with factory made uPVC glazed/wire mesh windows/ doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367: Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge.

2.12 **PLASTER WORKS**:

2.12.1 Preparation of surface: The surfaces shall be cleaned off all dust, mortar, droppings, traces of oil, efflorescence and other foreign material by wire brushing, hacking, chiseling, etc. and shall be kept wet for a minimum of six hours before application of plaster. All putlog holes in brick work and junction between concrete and brick work shall be properly filled in advance. Joints in brick work shall be raked about 10mm and concrete surface hacked to provide grip to the plaster. In case of concrete work, projecting burrs of mortar formed due to gaps at joints in shuttering shall be removed.

2.12.2Proportion: The unit of measurement for cement shall be a bag of cement weighing 50 Kgs and this shall be taken as 0.035 cubic meter (M3). Sand in specified proportion shall be measured in boxes of suitable size. It shall be measured on the basis of its dry volume. In case of damp sand its quantity shall be increased suitably to allow for bulk age.

2.12.3Mixing: The measured quantity of sand shall be levelled on clean water tight platform and cement bags emptied on top. The cement and sand shall be thoroughly mixed dry by being turned over and over, backward and forward, several times till the mixture is of a uniform colour. The quantity of dry mix which can be used within 30 minutes shall then be mixed with just sufficient quantity of water to bring the mortar to the consistency of a stiff paste.

2.12.4Placing: Plaster shall be laid over the prepared surface in one coat to the specified thickness and rubbed with "PATAS" and trowel and shall be smooth, free from waviness and trowel marks.

2.12.5Sequence of operations: For external plaster, the plastering operations shall be started from the top floor and carried downwards. For internal plaster, the plastering operations may be started wherever the building frame and cladding work are ready and the temporary supports of the ceiling resting on the wall or the floor have been removed.

2.12.6Curing: Each coat shall be kept damp continuously till the next coat is applied or for a minimum period of 7 days. Moistening shall commence as soon as plaster is hardened sufficiently. Soaking of walls shall be avoided and only as much water as can be readily absorbed shall be used.

2.13 **STEEL WORKS**:

Laying Out

A figure of the steel structure to be fabricated shall be drawn on a level platform to full scale. This may be done in full or in parts, as shown on drawings or as directed by the Engineer-in-Charge. Steel tape shall be used for measurements.

Fabrication

Fabrication shall generally be done as specified in IS 800. Great accuracy shall be observed in the fabrication of various members, so that these can be assembled without being unduly packed, strained or forced into position and when built up, shall be true and free from twist, kinks, buckles or open joints. The steel section shall be straight or to be straightened or flattened by pressure unless required to be of curvilinear form and shall free from twists. These shall be cut square either by shearing or sawing to correct length and measured by steel tape. No two pieces shall be welded or joined to make up for the required length of member.

During execution, the steel members shall be securely bolted or otherwise fastened when necessary temporarily braced to provide for all loads including those due to erection equipment's and its operation to be carried safely by structure during erection. The steel members shall be placed in proper position as per approved drawing, final riveting or permanent bolting shall be done only after proper alignment has been checked and confirmed.

Trusses shall be lifted only at nodes. The trusses above 10 m in span shall not be lifted by slinging at two mid points of rafters, which shall be temporary braced by a wooden member of a suitable section. After the trusses are placed in position, purlins and wind bracings shall be fixed as soon as possible.

Welding:

Welding shall generally be done by electric arc process as per IS 816 and IS 823.

The electric arc method is usually adopted and is economical. Gas welding shall only by resorted to using oxyacetylene flame with specific approval of the Engineer-in-charge. Gas welding shall not be permitted for structural steel work Gas welding required heating of the members to be welded along with the welding rod and is likely to create temperature stresses in the welded members. Precautions shall therefore be taken to avoid distortion of the members due to these temperature stresses.

As far as possible every efforts shall be made to limit the welding that must be done after the structure is erected so as to avoid the improper welding that is likely to be done due to heights and difficult positions on scaffolding etc. apart from the aspect of economy. The maximum dia of electrodes for welding work shall be as per IS 814. Joint surfaces which are to be welded together shall be free from loose mill scale, rust, paint, grease or other foreign matter, which adversely affect the quality of weld and workmanship.

2.14 **IGU**

Working , assembling and supplying insulated double glass panels (IGUs/DGUs) comprising of hermetically-sealed 6-12- 6 mm insulated glass (double glazed) vision panel units of size and shape as required and specified, comprising of an outer heat strengthened float glass 6mm thick, of approved colour and shade with reflective soft coating on surface # 2 of approved colour and shade, an inner Heat strengthned clear float glass 6mm thick, spacer tube 12mm wide, dessicants, including primary seal and secondary seal (structural silicone sealant) etc. all complete for the required performances, as per the Architectural drawings, as per the approved shop drawings, as specified and as directed by the

Engineer-in-Charge. The IGUs shall be assembled in the factory/ workshop of the glass processor. Scope of work includes cost of all scaffolding required for this job.

2.15 **TESTS FOR QUALITY CONTROL**:

The various tests shall be carried out by the contractor as and when instructed by the Engineer-in-charge and no separate payment shall be made unless otherwise specified in the schedule of rates. Following tests /manufacturer's test certificate to be produced by the contractor at his/her own cost as and when directed by the Engineer-in-charge

2.15.1 Water for construction and curing ('PH' value should not be less than 6)

2.15.2 Cube test for RCC work.

2.15.3 Manufacturer's Test certificate for cement, steel materials, M.S. rod, Tor steel to be provided by the Contractor and should be produced prior to its use in construction.

2.15.4 Brick test as per BIS 1077 and BIS 3495 (part 1 and 2)

2.15.5 Test for fine and coarse aggregate.

2.15.6 Any other tests/manufacturer's test certificate as per the direction of Engineer-in charge.

2.16 **SAFETY MEASURE**:

Safety measure as per OIL regulations shall be strictly adhered to by the Contractor. Safety belts and other measure taken by the Contractors shall be borne by the Contractor. If any loss or damage caused to life during the erection and execution, the contractor shall be fully responsible for the loss.

2.17 **CONTRACTOR'S GODOWN**:

The contractor must make adequate arrangement as directed by the Engineer-in-Charge, for the storage in suitable go down of all perishable materials such as cement. On no account may cement be stacked on the ground either in or outside go down. The contractor shall also construct a temporary office at site, before start the execution of work at site, as directed by the Engineer- in charge.

2.18 **SPECIAL INSTRUCTION TO THE CONTRACTOR**:

a) The contractor shall provide all Labour, supervision and transport and such specified materials including tools and plants as necessary for the work and shall be responsible for all royalties and other levies and his rates shall include for these. The work executed and materials supplied shall be to the satisfaction of the Company's Engineer and Contractor's rates shall include for all incidental and contingent work which although not specifically mentioned in this contract are necessary for its completion in a sound and workman like manner.

b) Contractor must use mixture machine and vibrator for the RCC works. The Contractor shall use pump if needed for dewatering for excavation job for which no extra payment will be made.

c) Watch and ward, loss or damage to Company's property, theft and other incidental charges shall be Contractor's responsibility.

d) Efficient workmen to be engaged by the Contractor.

e) The Contractor's representative should report to Engineer in charge on all working days at 7.00AM for instruction.

f) Materials if rejected should be removed from site within 48(forty-eight) hours of rejection, failing which the company reserves the right to get the rejected materials removed at the risk and cost of the contractor.

g) The Company reserves the right to get the part or whole work completed through other agency at the risk and cost of the contractor if he fails to complete the work within the stipulated time without any valid reasons. The Company's decision shall be final and binding on the Contractor.

h) Water that may accumulate on the site during progress of the works or in trenches and excavation from other than accepted risks shall be removed from the site to the satisfaction of the Engineer-in-charge and at the Contractor's expense.

i) If needed water and electricity will have to be arranged by the Contractor at his own cost. However, if felt, water and single phase power supply may be provided by Contractor on Chargeable basis depending on its availability & approved by the competent authority.

j) The Contractor and his workmen have to strictly observe the safety precautionary rules as per Mines Act. (Latest edition) while executing the work.

k) No road closure will be allowed during execution of work and necessary traffic signal/road boards to be displayed at proper place by the Contractor at his own cost. The Contractor shall be wholly responsible for any accident arising out of non-fulfilment of this condition.

l) The Contractor will be required to work expeditiously at the site and must visit the site before tendering.

m) Welding and cutting sets with fuel & operator, welder, fitter etc. shall be arranged by the Contractor at his cost at site for fabrication and erection work.

n) Hot and Cold permit, Gas leakage testing certificate issued by the Concerned Department to be submitted by the contractor (wherever applicable) to Engineer-in-Charge before starting of dismantling or the other execution of job.

o) The contractor must submit a work plan in bar chart for the overall job to complete it within 14 days of issuing of work order.

p) The contractor shall not engage minor workers below 18 years of age under any circumstances.

q) Contractor shall submit Labour clearance with 14 days of signing the contract, failing which, delay will be forfeited from the granted work period.

r) The contractor must engage at least one or as mentioned in the Contracts Agreement qualified Technical personal (Preferable BE/B Tech in Civil Engineering with minimum 3 years' experience or diploma in Civil Engineering with minimum 5 years' experience) for the overall execution of the job and the complete bio-data of the person should be submitted to the engineer in charge within 7 days of the signing of the Contract agreement.

2.19 **MAKE LIST FOR CIVIL ITEMS:**

SL No	Item Description	Approved Make
1	Steel Reinforcement Bar	SAIL/ RINL/TATA /JSW/JSPL/Shyam Steel /SRMB or equivalent
2	Structural steel	SAIL/JINDAL/RINL/TATA or equivalent
3	CEMENT	Starcement/Dalmia/Ambuja/Ultratech/Birla or Equivalent
4	Vitrified Floor tiles (Double Charged)	Somany/Johnson/Nitco/AGL/Orientbell /Kajaria or equivalent
5	CERAMICTILE & WALL CLADDING	Somany/Johnson/Nitco/AGL/Orientbell /Kajaria or equivalent
6	Aluminium extruded sections for door/windows/partitions	HINDALCO /JINDAL/NALCO or equivalent
7	Wall putty	J.K.Birla/ Birla White/ ASIAN paints/ Berger /Dulux or equivalent
8	Interior & Exterior Paints	ASIAN Paints/Berger/ NEROLAC/Indigo Paints or equivalent
9	Water proofing compounds	FORSOC / Pidilite / BASF / SIKA or equivalent
10	Admixture chemicals	FORSOC / Pidilite / BASF / SIKA or equivalent
11	CPVC Pipes & Fittings	Astral/ Ashirwad/ Supreme/ Prince/ Finolex/ Oriplast or equivalent
12	uPVC pipes & Fittings	Astral, Ashirwad/ Supreme/ Prince, Finolex/ Oriplast or equivalent
13	GI PIPES & FITTINGS	JINDAL/ TATA/ BHUSAN/ SURYA or equivalent
14	PLUMBING/SANITARY FITTINGS	JAQUAR/HINDWARE/PARRYWARE/CERA or Equivalent
15	Glass	Saint Gobain/ Gujrat Guardian Glass or equivalent
16	False ceiling (Gypsum Board/Mineral fibre false ceiling tiles/Tiled false ceiling)	Armstrong/ Anutone /Gyproc Saint-Gobain/ Hunter Douglas or equivalent
17	UPVC Door & Windows	Winsta/Kommerling/Finesta/Encraft or equivalent.

18	WPC Door	Kaka Industries/JKD Plastics/Century Ply/Alstone/Floresta or equivalent
19	Fire resistant frame & shutter	SAIL/TATA/JSW/JSPL/SRMB or equivalent

Note: If any materials/items other than the above are to be used/supplied for the project, prior approval of make to be obtained from Engineer-in-Charge.

2.20 **INDEMNITY AGREEMENT**:

The contractor shall at all times indemnify and keep indemnified the Owner and its personnel from and against all third party claims whatsoever (including but not limited to property loss and damage, personal accident, injury or death of or to property or person and any sub-contractor or agents of the contractor or Owner.

2.21 **INSURANCE**:

The contractor shall ensure that the policies and All costs on account of insurance liabilities covered under the Contract will be to the Contractor's account.

The contractor shall at all times during currency of the contract shall maintain the insurance for the following events which are due to the contractor's risks:

a) The contractor shall, at his own expense, arrange appropriate comprehensive insurance (All-risks insurance cover with suitable limit as per International Standard) to cover all risks assumed by the Contractor under this Contract in respect of its equipment, tools including but not limited to equipment & tools, any other belongings, and personnel during the entire period of this contract including extension thereof.
Note: All risk policy shall cover all plants and equipment employed for the work. Oil India Limited shall be kept as Principal Assured in All risk policy.

b) Employee Compensation policy or Employer's Liability Policy insurance (EC) as required by the laws of the country of origin of the employee.

c) Commercial General Liability Insurance: Commercial General Public Liability Insurance covering liabilities including contractual liability for bodily injury, including death of persons, and liabilities for damage of property. This insurance must cover all operations of CONTRACTOR required to fulfil the provisions under this Contract.

d) Contractor must submit an undertaking in respect to responsibility and risk associated with delivery of materials to OIL's site shall rest with contractor's supplier for any physical loss or destruction of or damage to goods or merchandise, while in transit.

e) Waiver of subrogation:
All insurance policies of the Contractor and its Sub-Contractor with respect to the operations conducted hereunder as set forth in clauses hereof, shall be endorsed by the underwriter in accordance with the following policy wording:
"The insurers hereby waive their rights of subrogation against Oil India Limited or any of
their employees or their affiliates and assignees".

f) Loss Payee Clause:
The Insurance Policies should mention the following in Loss Payee Clause:
"In respect of Insurance claims in which OIL's interest is involved, written consent of OIL
will be required".

g) Additional Assured:
"OIL India Limited" is to be included as Additional Assured in the Insurance Policies (except in case of Workmen's Compensation/Employer's Liability insurance).
Apart from above, the contractor must comply to all relevant Insurance clauses laid down in GCC as deemed fit by the Engineer-in-Charge.

2.22 **BUILDING AND OTHER CONSTRUCTION WORKERS WELFARE CESS ACT 1996**:

a) As per BOCW Act, the concerned construction work falls under the purview of Building and Other Construction Workers Welfare Cess Act 1996 and therefore cess will be levied and collected for the purposes of the Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996, at one per cent of the cost of construction incurred.

b) Therefore, the Contractor must register the contract with BOCW Welfare Board at his own cost, obtain Certificate of Registration and submit the same to OIL after signing the contract agreement. No Running Bill shall be paid to the contractor till the Certificate of Registration with BOCW Welfare Board is submitted by the contractor to the Engineer-in-Charge. As per laid down terms and conditions, OIL will deposit cess of amount equal to one percent (01%) of the bill value (except PF and GST) to the appropriate authority under the concerned registration number during payment of each running bill and final bill.

2.23 **Forest Royalty:**

2.23.1 Forest Royalty As per notification No. PEM/130/2021/40 dated 7th October 2021 of govt of Assam for Assam minor mineral concession Rules, 2013, royalties and contribution towards "Minor Minerals", "District Mineral Foundation Trust Fund (DMFT) and "Mines and Mineral Development, Restoration and Rehabilitation Fund" (MMDRPF) to the deposited as applicable directly through the website www.assamforestonlin.in. As the work falls under RCC Building/RCC Work, Forest Royalty @2.0 % of the Contract Cost to be deposited as per the "Third Schedule" of Notification No PEM 130/2021/40 dated 7th October, 2021.

2.23.2 As per Notification No. PEM 130/2021/55 Dated 16th December, 2021 in addition to the royalties, a sum of 10% of the royalty as per the 3rd schedule must be deposited in each of the District Mineral Foundation Trust (DMFT) and Mines and Mineral Development Restoration and Rehabilitation Fund (MMDRRF).

2.23.3 The Contractor will be liable to ensure to have registered in the portal www.assamforestonline.in and to submit self-attested copy of the corresponding of Forest Royalty, DMFT & MMDRF against the project. Contractor will be responsible for procurement of material in its own registration and to issue its own e-challan as applicable.

2.23.4 OIL will reimburse the amount at actuals against submission of self-attested copy of e-challan/receipt/certificates generated from the portal along with running bills.

2.23.5 However, OIL will release the final bill only after ensuring that all relevant certificates issued by concerned authority against payment of Forest Royalty, DMFT & MMDRF are submitted by the contractor to HOD-Civil for the job executed.

2.24 **MOBILIZATION PERIOD**: 14 days from signing of the contract. Any delay in mobilization will be deducted from contract period

2.25 **DURATION OF THE CONTRACT**: 183 weeks including Sundays and Holidays except National Holidays (i.e. Independence Day, Republic Day & Gandhi Jayanti). Period of contract will start from the last day of submission of LCA i.e. 14 days from the date of signing the contract.

2.26 **FORCE MAJEURE**: In case of Force Majeure, no Force Majeure Rates shall be paid.

2.27 **REMUNERATION & TERMS OF PAYMENT**:

The Contractor shall have no claim against the Company in respect of any work which may be withdrawn but only for work actually completed under this contract. The contractor shall have no objection to carry out work in excess of the quantities and items stipulated in Part-II (SOQ). In case of positive variation in quantities of any items from the quantity mentioned in the tender / contract, the contractor will have to carry out the positive varied quantity at the contract rate. Payment for all works done shall be made on the basis of actual work done as per the schedule of quantity (SOQ) and schedule of rate (SOR). For all extra work done on the advice of the Company's Engineer and which is not included in the schedule of quantity (SOQ), deviation order for the same shall be made on the rates as decided by the Company's Engineer based on OIL adopted internal estimation procedure/policy. If any additional items (items not covered in the tender / contract) are required to be executed during actual execution of works, the payment of such items shall be made as per the rates of Delhi Schedule of Rates adjusted for minimum labour rates prevailing at the time of issuance of advice for such items. However, if the items are not available in DSR, preliminary rates (excluding GST & other taxes) of such items will be established based on minimum three budgetary quotations. Budgetary Quotations (BQ) must be provided by the contractor within 30 days of receipt of advice for incorporation of such new/additional items (items not covered in the tender / contract). In case the variation between the lowest and highest BQ is less than 20%, the average

rate of the BQs against each line item of the required services shall be taken to arrive at a reasonable cost estimate. However, If the variation between the lowest and highest BQ is more than 20%, then the line item-wise average of lowest and the derived median quotes of the BQs will be taken as the estimate. (Median value is to be ascertained by using standard XLS formulae only). However, final rates of new/additional items (items not covered in the tender / contract) will be considered on the basis of actual tax invoice rates (excluding GST & other taxes) or Average BQ rates (excluding GST & other taxes) whichever is lower at the time of actual payment of such new/additional items (items not covered in the tender / contract). Contractor must submit tax invoices of all such items as per the advice of the Engineer-in-Charge.

2.28 **WARRANTY AND REMEDY OF DEFECTS**

2.28.1 Defects Liability Period: **Twelve (12) months** from the date of completion of work. The Contractor shall guarantee the installation/work for a period of 12 months from the date of completion of work as certified by the Engineer In-Charge (EIC) which is indicated in the Completion Certificate. Any damage or defect that may arise or lie undiscovered at the time of issue of Completion Certificate, connected in any way with the equipment or materials supplied by Contractor or in the workmanship, shall be rectified or replaced by the Contractor at his own expense as deemed necessary by the EIC or in default, the EIC may carry out such works by other work and deduct actual cost incurred towards Labour, supervision and materials consumables or otherwise plus overheads from any sums that may then be or at any time thereafter, become due to the Contractor or from his Contract Performance Security, or the proceeds of sale thereof or a sufficient part on thereof. If the Contractor feels that any variation in work or in quality of materials or proportions would be beneficial or necessary to fulfil the guarantees called for, he shall bring this to the notice of the EIC in writing. Notwithstanding the above provisions the supplier's guarantees/warrantees for the replaced equipment shall also be passed on to the Company.

2.28.2 In case an item has got a guarantee/warranty period, then the same is to be passed on to OIL. If such item fails before its guarantee period is over, then contractor has to rectify/replace it at his own cost. However, in case of critical items, if the guarantee/warranty period is beyond defect liability period, then guarantee/warranty shall be applicable for that period also.

2.28.3 Standard accessories & warranty provided by the OEMs/ authorized dealer of OEMs for all items must be passed on to OIL. The warranty shall cover replacement of defective hardware/items etc.

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2.29 The SCC for the Electrical Part of the Tender comprises two basic parts as follows:
A. General
B. Technical

A. GENERAL

2.30 **GENERAL PARTICULARS**

2.30.1 Special conditions of contract shall be read in conjunction with the General Conditions of Contract, Bill of Quantities, specifications of work, drawings and any other document forming part of this contract wherever the context so requires.

2.30.21 Wherever it is stated anywhere in this tender document that such and such a supply is to be affected or such and such a work is to be carried out, it shall be understood that the same shall be effected/carried out by the contractor at his own cost, unless a different intention if specifically, and expressly stated herein or otherwise explicit from the context.

2.30.3 The materials, design and workmanship shall satisfy the relevant Indian Standards, the job specifications contained herein & codes referred to. Where the job specifications stipulate requirements in addition to those contained in the standard codes and specifications, these additional requirements shall also be satisfied. In the absence of any Standard/Specifications/Codes of practice for detailed specifications covering any part of the work covered in this tender, the instructions/directions of Company will be binding on the Contractor.

2.30.4 In case of contradiction between Indian Standards, General Conditions of Contract, Special Conditions of contract, Specifications Drawings, Bill of Quantity, the following shall prevail in order of precedence.

(i) Letter of intent / Letter of Award.
(ii) Bill of Quantity.
(iii) Special Conditions of Contract.
(iv) Job specifications
(v) Drawings
(vi) General Condition of contract
(vii) Indian Standard/Technical/Material Specifications.

2.31 **LOCATION OF SITE AND SITE PARTICULARS**:

2.31.1 The site of work is located at the premises of Security Department, FHQ, OIL, Duliajan.

2.31.22 The prospective Bidder shall be deemed to have visited the site and familiarized himself thoroughly with the site conditions and job details before submitting the tender. Non-familiarity with the site conditions will not be considered a reason either for extra claims or for not carrying out the work in strict conformity with the drawings and specifications.

2.32 **STATUTORY REQUIREMENT FOR WORK**

a) Contractor shall employ work persons with valid workmen permit issued or recognized by Electrical Licensing Board, Govt. of Assam/ any state govt/Union territory(UT) of India to carry out all electrical jobs and shall employ one supervisor holding valid supervisory certificate of competency issued or recognized by Govt. of Assam/ any state govt/Union territory(UT) for supervision of electrical jobs.

b) All the certificates/permits/licenses mentioned above shall be valid throughout the contract period. In case certificates/permits/licenses expires during contract period the same shall be renewed by the contractor.

c) Quality of jobs carried out by the Contractor shall be of high standard and should be as per the norms of BIS, NEC, CEA Regulations and other electrical standards recognized by the company.

2.33 **POWER**

Electricity required for wiring purpose shall be arranged by the contractor. However, electricity may be provided by the Company on chargeable basis at its discretion to use drill machine or any other portable tools required for wiring purposes if available at nearest point. The Contractor shall have to arrange for required switch board with proper safety device like RCBO/ELCB/RCCB to draw power and use safely from the existing source. However, for welding machine power supply will not be provided by the company, contractor may use Diesel Welding Generators for the same.

2.34 **SCOPE OF SUPPLY**

Company does not envisage supplying any material for this work & the contractor shall arrange all materials, instruments, tools and tackles etc. required for execution of the work.

2.35 **SCOPE OF WORK**

Brief details of work to be carried out by the contractor are as described below. This will include supply, storage, laying, installation, jointing and testing, obtaining approvals, testing and commissioning and completion of different works. The work shall be carried out as described in Schedule of Quantities (SOQ), specifications, and drawings, BIS/NEC guidelines and as per the instructions by Engineer -in-charge (electrical), of the Company. The scope of work shall cover electrification works of the mentioned office building.
The broad items/activities covered under "electrical works" shall include the supply, installation, testing and commissioning of any or all of the following:

a. Point wiring of light points, ceiling fan points, wall fan points and exhaust fan points.

b. Plug points, general power points, metal clad plug & socket outlet points etc. including light and power accessories etc., complete in all respects.

c. All wiring through BIS marked MMS grade PVC conduit/casing capping, through/on wall, roof, floor beams, false ceiling, floors etc.

d. Main Distribution Boards (VTPN DB), Sub Distribution Boards (TPN DB) and switchboards as required.

e. Laying, fixing and connection of Cables from Existing Power Source to Main Distribution Boards (VTPN DBs), Main Distribution Boards (VTPN DBs) to Sub Distribution Boards (TPN/SPN DBs), TPN/SPN DBs to various switchboards & sockets. Light fixtures and ceiling & exhaust fans.

f. Earthing of VTPN DB, TPN DBs etc. complete in all respects.

g. Area and decorative lighting system.

h. Mono block electrical motor driven pump with starter system.

i. SITC of VRF AC system.

2.36 **SCHEDULE OF QUANTITIES/RATE**

2.36.1 The quantities shown against the various items are only approximate and may vary to any extent individually subject to the relevant clause of General Conditions of Contract. Any increase or decrease in the quantities shall not form the basis for alteration of rates quoted and accepted including where low/ high rates have been quoted by the successful bidder.

2.36.2 The Engineer in charge reserves the right to interpolate or extrapolate the rate for any new item of work not finding a place in the Bill of Quantity, for similar items of lower and/ or higher magnitude available in the Bill of Quantity.

2.36.3 In case any activity though specifically not covered in Bill of Quantity description but covered under scope of work/spec./drawing etc., contractor must carry out the same without any extra claim.

2.36.4 The words "Bill of Quantity", "BOQ", "Schedule of Quantity" and "SOQ", appearing in this document, carry the same meaning.

2.37 **MEASUREMENTS, BILLING & PAYMENT**

2.37.1 Payment for all works done shall be made on the basis of actual work done as per the schedule of quantity (SOQ) and schedule of rate (SOR). For all extra work done on the advice of the Company's Engineer and which is not included in the schedule of quantity (SOQ), deviation order for the same shall be made on the rates as decided by the Company's Engineer based on OIL adopted internal estimation procedure/policy. Contractors may submit running account (RA) bills for the works executed from time to time for the release of payments.

2.37.2 In case of positive variation in quantities of any items from the quantity mentioned in the tender/contract SOQ, the contractor will have to carry out the positive varied quantity at the existing contract rate.

2.38 **CONTRACT DRAWINGS**

Contractor has to prepare all working drawings mentioned below and obtain approval from the Engineer-In- Charge (Electrical) before starting of the electrical work.

a. Layout diagram of complete wiring showing route for wiring from Existing Source to VTPNDB, VTPN DB to TPN/SPN DB, TPN/SPN DB to Switch Board, Light and ceiling fan positions, sockets, earthing etc.

b. Single line diagram of Electrical System

c. The contract shall keep at least one copy of each of drawings, conditions of contract, specifications, instructions and schedule of quantities at the site of works available for reference by any authorized representative Engineer-in-charge (Electrical), at all times during the progress of the works.

2.39 **COMPLETION DOCUMENTS**

The contractor shall submit 4 copies of AS BUILT layout drawings to OIL after completion of the work. These complete drawings shall give the following information:

a. Layout of all equipment, switchboards, DB's, junction boxes etc.

b. Single line diagram of Electrical System

c. Earthing layout

d. Operation & Maintenance Manuals for equipment, if any

e. Manufacturers test report & data sheets for equipment, if any

f. Electrical test certificate for the electrical work done as per CEA, 2023.

g. Warranty certificate for all the items.

B. **TECHNICAL**

1. **SCOPE**

This section covers the general technical requirements and measurement system of the various components in Internal Electrical Installation works.

2.40 **TERMINOLOGY**

The definition of terms shall be in accordance with IS: 732-1989 (Indian Standard Code of Practice for Electrical Wiring), except for the definitions of "point"," circuit", and "sub-main wiring", which are defined hereunder.

a) **POINT WIRING**

i. A point wiring (other than socket outlet point wiring) shall extend from the controlling switch/MCB /controller to the corresponding point/ device (lamps/luminaire/fan/exhaust fan/call bell etc.). Point/device refers to either single devices (like lamps, fans, etc.) or multiple devices controlled from one single switch/MCB/controller (like chandeliers, group of decorative lamps, etc.). Point wiring also includes switches.

ii. It includes supply & fixing of all items as specified in SOQ, like device holders, wires, conduit/casing- capping, accessories like screws, raw plug, outlet boxes, junction boxes, pull -through boxes etc., including metal/PVC boxes if any, provided with switch boards for loose wires/conduit terminations, bushed conduit or porcelain tubing where wiring cables pass through wall etc.

iii. It shall be measured in terms of number of "points" only. There shall be no linear measurement for point wiring, or for the number and size of wires used.

iv. Details of wire size, material, conduit/casing capping, colour of insulation as in SoQ.

v. It is to be noted that point wiring is estimated to cover approximately 7.0 metre wiring on an average.

b) **PLUG POINT (SOCKET OUTLET POINTS) WIRING**:

i. A Socket ("plug point") outlet point wiring

ii. Shall extend from the switchboard to the corresponding wall socket outlet. Sockets may include a single socket or multiple sockets (of same rating) in one module.

iii. Shall be reckoned as the total length of wiring and shall be measured on linear basis along the run of wiring.

iv. Details of wire size, material, conduit/casing capping, colour of insulation as in SoQ.

c) **CIRCUIT WIRING:**

i. It shall extend from the distribution board up to the switchboard/box.

ii. It shall include all wiring accessories

iii. It shall be reckoned as total length of wiring and measured on a linear basis along the run of wiring

iv. Details of wire size, material, conduit/casing capping, colour of insulation as in SoQ.

d) **POWER PLUG POINT WIRING**:

i. It shall extend from the distribution board to combined 5/6 A &15/16 A 6 pin socket outlet and 20A MCB Switch/ socket.

ii. It shall include all wiring accessories

iii. It shall be reckoned as the total length of wiring and measured on linear basis along the run of wiring

iv. Details of wire size, material, conduit/casing capping, colour of insulation as in SoQ.

2.41 **SYSTEM OF DISTRIBUTION AND WIRING**

a) Control at the point of entry of supply:

There shall be a circuit breaker on each live conductor of the supply mains at the point of entry.

b) Distribution:

The wiring shall be done on a distribution system through main and/or branch (sub-main) distribution boards. The system design as well as the locations of boards shall be as indicated in BOQ/drawings or as specified by the OIL Engineer-in-charge. Main distribution board (VTPN) shall be controlled by a circuit breaker. Each outgoing circuit shall also be controlled by a circuit breaker. The branch distribution board shall be controlled by a circuit breaker. Each outgoing circuit shall be provided with a miniature circuit breaker (MCB) of specified rating on the phase or live conductor. The loads of the circuits shall be divided, as far as possible, evenly between the number of ways of the distribution boards, leaving at least one spare circuit for future extension. The neutral conductors (incoming and outgoing) shall be connected to a common link (multilayer connector) in the distribution board and be capable of being disconnected individually for testing purposes.

c) 'Power' wiring shall be kept separate and distinct from 'Lighting' wiring beyond the branch distribution boards.

d) Balancing of Circuits:

The balancing of circuits in three wire or poly phase installations shall be arranged beforehand to the satisfaction of the OIL Engineer -in-charge.

e) Wiring System:

i. Wiring shall be measured only as per "point wiring" or "linear basis ", as explained above.

ii. Lights & fans shall be wired in the 'lighting' circuits.

iii. 6/16A combined socket outlets and other power outlets shall be wired in the 'Power' circuits

iv. 5A/6A Socket outlet shall be wired in the light plug point circuit.

v. The wiring throughout the system shall be such that there is no break in the neutral wire except in the form of linked MCCB's, MCB's, RCBO's etc.

2.42 **JOINTS IN WIRING**:

No bare conductor in phase and / or neutral or twisted joints in phase, neutral, and / or protective conductors in wiring shall be permitted. There shall be no joints in the through -runs of wires. There shall be no looping of earth wires and neutral wires between points. All light points, plug points etc. shall have their individual neutral and earth wires laying up to the switchboard or distribution board as the case may be.

2.43 **RATINGS OF OUTLETS**

a) MCBs / switches / controllers for devices like light fittings, ceiling fans, exhaust fan etc. shall be rated according to the corresponding device capacity.
b) RCCBs for household circuits and similar installations should be rated for 30mA tripping current. Socket Outlets shall be rated according to their intended use only.

2.44 **CAPACITY OF CIRCUITS**

'Lighting' circuit shall not have more than a total of 10 points of light, fan and socket outlets, or a total connected load of 800W per circuit, whichever is less, "Power" circuit shall have only one outlet per circuit.

2.45 **CONFORMITY TO CEA REGULATIONS, 2023 AND STANDARDS**

i. All electrical works shall be carried out in accordance with the provisions of CEA (Measures relating to safety and electric supply) Regulations 2023, National Electric code and National Building Code. The works shall also conform to relevant Indian Standards.

ii. In all electrical installation works, relevant safety codes of practice shall be followed.

2.46 **TESTING OF WIRING / INSTALLATION**

2.46.1 Inspection will be done in stages, as work progresses. On completion of an electrical installation (or extension thereof) OIL's Engineer-In-Charge may require a test certificate for the installation/wiring job before energizing the circuits. In such instances, the contractor shall issue a test certificate, countersigned by a certified supervisor under whose supervision the job was carried out.

2.46.2 The following tests should be carried out:

i. Insulation resistance test
ii. Earth continuity test
iii. Earth electrode resistance test

All necessary test instruments shall be arranged by the contractor.

2.47 **GENERAL REQUIREMENTS OF COMPONENTS**

2.47.1 **Quality of materials**

All materials shall be of such design, size, material and make as to satisfactorily function under the rated conditions of operation.

2.47.2 **Ratings of components**:

All components in a wiring installation, conductors, switches and accessories shall be of appropriate ratings of voltage, current, and frequency, as indicated in BOQ.

2.47.3 **Conformity to Standards:**

All components shall conform to relevant Indian Standard Specification, including amendments or revisions there of up to the date of tender acceptance.

General Notes:

a. All the items shall be brand new and shall bear BIS monograms, wherever specified.
b. Items shall be guaranteed for a period of one year from the date of handover of the installation of materials against any manufacturing defect or workmanship.

2.48 **WIRES AND CABLES**:

2.48.1 **Wiring**:

a. The conductors of wiring cables shall be of copper. The smallest size of conductor for various circuits including earthing shall be not less than as follows:

i. 'Lighting': 1.5 sq. mm,
ii. 'Light Plug Point': 1.5 sq. mm,
iii. 'Circuit Wiring': 2.5 sq. mm,

b. All wiring cables shall be FRLS, single core, multi-stranded, PVC insulated, unsheathed, 1100V grade, BIS marked & FIA & TAC approved, with flexible conductor.

2.48.2 **Cables**:

a. Cables shall be armoured, XLPE insulated and PVC sheathed power cables of 1100 V grade. They shall be fitted on the wall surface/ cable tray and laid on ground as required.
b. In case of cable fitted on the wall surface/ cable tray, clamping shall be with 1 mm thick saddle, wherever required.
c. In case of underground cable laying in trenches, markers should be places at an interval 5 m along the route of the cable. The size of the trench should be as per IS 1255(1983).

Note: Prior approval of the cable markers is to taken from engineer-in-charge.
Technical datasheets and Test reports as per IS have to be submitted for all types of cable prior to supply.

2.49 **PVC CASING AND CAPPING**

2.49.1PVC casing and capping shall be BIS marked.

2.49.2Providing and fixing of PVC casing and capping include bends, elbows, tees, inside and outside corners, round blocks and painting:

2.49.3PVC casing and capping should be strong and properly fitted so as to hold wires laid in it up to 70% to its full capacity for all areas. It should be rigidly screwed at 150mm interval crosswise with suitable woodscrews of 25mm length turned in PVC sleeve inserted in neatly drilled holes of proper size and depth with cup washer to give proper grip over more surface area. It can be run whether in horizontal or vertical position as required.

2.49.4Providing earth continuity wires:

The earth continuity wire shall be provided in the casing throughout the length of wiring. The size of earth continuity wire shall be same size with the main wire for circuits. All metallic parts, switchboards, light fittings and power sockets shall be connected to the earth wires and the connection shall be electrically and mechanically sound.

2.50 **PVC CONDUITS**

2.50.1All rigid conduit pipes shall be of medium duty PVC conduit of good quality and be BIS marked.

2.50.2The conduit wiring system shall be complete in all respects, including their accessories where a large number of control switches and/or fan regulators are required to be installed at one place, these shall be installed in more than one outlet box adjacent to each other for ease of maintenance.

2.50.3Bunching of cables:

2.50.4Cables shall always be bunched so that the outgoing and return cables are drawn into the same conduit. Where the distribution is for three phase loads only, conductors for all the three phases and neutral wire shall be drawn in one conduit

2.51 **WIRING ACCESSORIES**:

2.51.1**Control switches for points**:

Control switches (single pole switches) carrying not more than 16A shall be modular type complete with plate, as specified, and the switch shall be " ON" when the knob is down. Control switch shall be placed only in the live conductor of the circuit. No single pole switch or fuse shall be inserted in the protective (earth) conductor, or earthed neutral conductor of the circuit.

2.51.2**Socket outlets**:

a. 6/16 pin Socket outlets shall be of shutter type modular complete with plate. These shall be rated either for 6A, or 6/16A combined. Combined 6 pin (6A/16A) socket outlet shall be provided in 'power' circuits wherever specified.6A Socket outlets shall only be of 5 pin type; the earth pin shall be connected to earth through protective (loop earthing) conductor. The control switches for 6A and 16A socket outlets shall be kept along with the socket outlets. Generally, socket outlet shall be installed at a height of above 30 cm but below 130 cm from the floor level.

b. The layout of wiring shall be as approved by Engineer in Charge.

2.51.3**Switch box covers**: These shall be modular type of suitable size.

2.51.4**Ceiling rose** – Only one flexible cord shall be connected per ceiling rose. For multiple pendants, each pendant shall have its own rose, or a specially designed rose shall be used.

2.52 **LIGHT FITTINGS**:

Indoor type fittings specification:

a) Suspension mount and batten mount LED luminaire with all accessories and lamps, ready for installation as per the following description.

b) Optical system should provide all round glare and beam control.

c) Luminaire shall be as follows:

i. As detailed in SoQ

ii. Luminaires shall be pre-wired up to the terminal block and fitted with High Performance driver (THD<10%) as standard, PF> 0.95; driver to conform to IS/IEC for safety/ performance.

iii. Luminaires shall be supplied with all standard accessories (including chains, brackets, mounting clamps etc. if any) for suspension and/or wall mounting.

iv. Power supply: 230/240 V, 50 Hz, single phase

v. The type of fit tings shall be as specified in SOQ.

vi. All technical documents for the luminaire along with photometric details of the luminaire, LM-79-08 & LM-80-08 test report from NABL certified / authorized Laboratories for the offered model or type of LED luminaire have to be submitted prior to supply.

2.53 **PRE-WIRED MCB DISTRIBUTION BOARDS**:

a) Pre-wired MCB DB's shall be provided where specified.

b) The complete board shall be factory fabricated and shall be duly pre-wired, ready for installation at site.

c) The board shall be wall mounted, cubicle type construction, fabricated out of 1.6mm thick sheet steel, with stove enameled paint finish. The board shall be provided with a hinged cover of 1.6mm thick sheet steel on the front. Only the knob/dolly of the MCB's shall protrude out of the front covers through openings neatly machine made for the purpose. Knock out holes at the bottom, and detachable plate with knock out holes at the top of the board shall be provided.

d) VTPN DB shall also be provided with two nos. loose wire box and SPN DB shall be provided with one no. loose wire box as a compartment for the complete width and depth of the board.

e) Each distribution board shall be provided with a circuit list giving details of each circuit which it controls and the current rating of the circuit, and the size of the MCB. The board shall be complete with the following accessories:

i. Minimum 100 A copper bus bar(s)for MCB DBs

ii. Minimum 250 A copper bus bar for VTPN DB (fitted with 160A MCCB)

iii. Neutral link

iv. Common earth bar

v. DIN bar for mounting MCB's

vi. Screw type terminal connectors suitable for incoming and outgoing cables.

vii. Earthing stud(s)

viii. The board shall be fully prewired with single core PVC insulated copper conductors/insulated solid copper links, and terminated on to extended type terminal connectors, suitable for connections to the sizes of the respective conductors. All incoming and outgoing wiring to the pre wired. MCB DB's shall be terminated only in extended terminal

connectors to be provided within the DB. The terminal connectors shall therefore be so provided as to facilitate easy cable connections and subsequent maintenance. Connectors (Terminal blocks) are to be provided. A common copper earth bar shall be provided within the loose wire box. The common neutral bar as well as the terminal connectors shall, however, be provided within the main compartment just below the loose wire box.

2.54 **MINIATURE CIRCUIT BREAKERS (MCB's):**

'C' series MCB's shall be invariably used for all loads. Ratings (A), number of poles, type as MCB or isolator, etc. shall be as specified in the SOQ. The MCB's shall be of minimum 10KA rupturing capacity.

2.55 **SWITCH BOARD LOCATIONS**

a) Switch boards shall be located as indicated on the drawings or as instructed by OIL's engineer. Switchboards should not be installed in places likely to be exposed to the weather. However exact location will be as per suitable available spaces.

b) Unless otherwise specified, a switchboards shall be installed so that its bottom is 1.30 m from the floor level. Switchboards should be well clear of door openings and with an open (unimpeded) space in front of the switchboard for easy access.

c) Where it is required to terminate several casing capping or conduits on a board, it may be convenient to provide a suitable PVC adapter box for the purpose. Such boxes shall be provided with prior approval of the Engineer-in-charge (Electrical) and this will not be paid for separately. No apparatus shall project beyond any edge of the panel.

2.56 **FANS, REGULATORS AND CLAMPS**:

As per SoQ Specifications.

2.57 **VRF AC system**

A. **Supply**: Supply of items such as indoor units, outdoor units, Y/T joints, copper piping etc. are to be done as per the specifications mentioned in the SoQ.

B. The following shall be under the scope of Installation, Testing and Commissioning of VRF AC System:

a. Installation, testing & commissioning of VRF System with 100 % DC Inverter Scroll Compressor, complete Indoor Unit as specified in equipment schedule along with low side works of Indoor installation, piping with nitrile insulation, drain pipe, nitrogen flushing, vacuuming, gas charging and balancing of the complete system.

b. All masonry work/civil works such as support for the condensing units, cutting away and making good of RCC/PCC/ slabs and making & closing of trenches etc.

c. Power supply connection to all outdoor units from VTPN DB/AC panel.

d. Power supply connection to all indoor units from switch sockets.

e. Provision of drainpipes to be provided.

f. Any kind of false ceiling work, boxing work, wooden framework/carpentry work required for complete installation and commissioning of the system. Provisions of boxing, false ceiling and wooden frames for grills, if necessary and essential for the proper functioning of the systems.

g. Any under deck or over deck insulation, thermal or acoustic insulations work for false ceiling or walls etc. All airtight partitions above false ceiling.

h. The Outdoor Unit Mounting MS / Concrete structure with load bearing capacities of minimum 250 Kgs each for ODU shall have to be erected/constructed on the designated area at a height of 12 inches from ground level.

i. Any kind of dismantling work.

j. Scaffolding of any kind to be provided.

C. **Warranty**:

a. The warranty for the entire unit shall be a minimum of one (1) year against any manufacturing defect from the date of commissioning.

b. The warranty of the compressors shall be a minimum of five (5) years against any manufacturing defect from the date of commissioning.

D. Documents to be submitted:

a. Documents to be submitted after the award of contract prior to supply of materials:

i) Catalogue containing the features of offered make and model

ii) Valid dealership certificate

b. Documents to be submitted at the time of supply:

i) Duly signed warranty certificate

ii) One set of operation/maintenance manual against each unit

2.58 **Decorative lighting:**
As per SoQ Specifications.

2.59 **EARTHING:**

a. Earthing shall be done with G.I. earth pipe 3 meter long, 50 mm dia (Conforming to BIS:1239) including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.
b. G.I. Earth strap shall be supplied with the earth electrode for connecting the earth electrode to the equipment. Earth strap shall be terminated in the electrode/equipment with proper size of zinc coated nuts and bolts.

2.60 **WORKMANSHIP**:
Good workmanship is an essential requirement to be complied with. The entire work of manufacture/fabrication, assembly and installation shall conform to sound Engineering practice. The work shall be carried out under the direct supervision of a person holding a valid supervisor's certificate of competency issued by the State Govt. for the type of work involved, employed by the contractor, who shall rectify then and there the defects pointed out by the Engineer -in-charge (Electrical) during the progress of work.

2.61 **COMMISSIONING ON COMPLETION**:
After the entire wiring is completed, a joint inspection shall be carried out. The contractor shall rectify the defects pointed out by OIL during inspection. The works shall be tested by the contractor and contractor shall submit the test certificates duly signed by the competent persons. The system shall be energized only after OIL approves the work done and submission of test certificate.

2.62 **WARRANTY:**
Warranty for one year has to be given from the date of handover of complete job (after installation & commissioning) to OIL for all the items. Supplier shall arrange for repair/ replacement, as required by OIL, of defective parts within one month of reporting of the failure by OIL. The warranty shall be over and above the warranty declared by the respective manufacturers for the individual components.

2.63 **MAKE LIST OF ELECTRICAL ITEMS**:

SL NO	Item Description	Approved Make
1	All Cables and Wires	FINOLEX/HAVELLS /POLYCAB/RR KABEL/KEI or equivalent
2	Copper lugs	DOWELL/3D-BILLET/JAINEX or equivalent
3	PVC Conduit	RICHA/PLAZA/AKG/PRESTO PLAST/WELKM or equivalent
4	All industrial switch-socket units	LEGRAND/SCHNEIDER/SIEMENS/HAVELLS or equivalent
5	Ceiling fan, 1400 mm Sweep, White in Colour	HAVELLS(Pacer)/BAJAJ(Kassels)/ORIENT (PSPO)/USHA/CROMPTON GREAVES or equivalent
6	LIGHT FITTINGS (including Driver)	PHILIPS /CROMPTON/GE/BAJAJ/HAVELLS or equivalent
7	All MCCB	LEGRAND/SIEMENS / ABB /L&T/HAVELLS or equivalent
8	All MCB'S (10KA, C- curve)	ABB/L&T/SCHNEIDER/SIEMENS/LEGRANDS/HAVELLS or equivalent
9	All RCBO Note: Make of RCBO, MCBs and box shall be of same make	ABB/L&T/SCHNEIDER/SIEMENS/LEGRANDS/HAVELLS or equivalent
10	All MCB DB Note: MCB DB and MCBs/RCBO fitted therein have to be of same	ABB/L&T/SCHNEIDER/SIEMENS/LEGRANDS/HAVELLS or equivalent
11	VTPN DB Note: VTPN DB and all components fitted therein must be of same	ABB/L&T/SCHNEIDER/SIEMENS/LEGRANDS/HAVELLS or equivalent
12	Modular switches /Socket/Box/ Blank plate	LEGRAND/SCHNEIDER/CRABTREE/HAVELLS/MK or equivalent
13	Modular Fan regulator 100W	LEGRAND/SCHNEIDER/CRABTREE/ INDOASIAN ELVIRA/HAVELLS/MK or equivalent
14	Metal GI Box	LEGRAND/SCHNEIDER/CRABTREE/ INDOASIAN ELVIRA/HAVELLS/MK/WELMK or equivalent
15	Metal enclosure for MCB	LEGRAND/SCHNEIDER/SIEMENS /L&T/HAVELLS or equivalent
16	Contactor for Lighting Controller	LEGRAND/SIEMENS/GE/HAVELLS/ SCHNEIDER/ABB or equivalent
17	Industrial Wall/Exhaust Fan	USHA/HAVELLS/CROMPTON/BAJAJ or equivalent
18	GI Pipe for earthing	JINDAL/TATA or equivalent
19	EOT Crane	Eddy Cranes Engineers Pvt Ltd./ Electro Mech / Kone crane/Grip or equivalent
20	Air Conditioning system	Carrier/Mitsubishi/LG/Haier/Daikin/Bluestar or equivalent

2.64 The contractor must complete the work in all respect within the work duration allotted to him as per work order. The duration of the work allotted to the contractor is inclusive of Sundays and Holidays. However, any delay in completion of the work due to reasons not attributable to the contractor will be considered based on hindrance register maintained during delay analysis of the work after its completion and the same will be considered during calculation of LD as per Contract.

2.65 **GENERAL HEALTH, SAFETY & ENVIRONMENT (HSE) POINTS**:

a) The Contractor shall be solely responsible to comply all the statutory norms as applicable while executing the job. It will be solely the Contractor's responsibility to fulfill all the legal formalities with respect to the Health, Safety and Environmental aspects of the entire job (namely: the person employed by him, the equipment, the environment, etc.) under the jurisdiction of the district of that state where it is operating. Ensure that all sub-contractors hired by him comply with the same requirement as the Contractor himself and shall be liable for ensuring compliance of all HSE laws by the sub-contractors. It will be the responsibility of the Contractor/his Supervisor/representative to ensure strict adherence to all HSE measures and statutory Rules during operation in OIL's installations and safety of workers engaged by him. The crew members will not refuse to follow any instruction given by representative of OIL.

b) The Contractor shall ensure complete safety of the personnel and all the equipment engaged by him. They shall take full responsibility for their safety.

c) Contractor's arrangements for health and safety management shall be consistent with those for the company (OIL).

d) Contractor must, while at work, take reasonable care for the health and safety of people who are at the employee's place of work and who may be affected by the employee's act or omission at work. The contractor must cooperate with his/ her employee or other persons as far as is necessary to enable compliance with any requirement under the act or the regulations that is imposed in the interest of health, safety and welfare of the employee or any other person.

e) The Contractor may frame a mutually agreed bridging document if required between OIL & the Contractor for all issues not envisaged under the terms and conditions of the contract with the roles and responsibilities clearly defined.

f) The contractor has to keep a register of the persons employed by him/ her. The Contractor's supervisor shall take and maintain attendance of his/ her men every day for the work, punctually.

g) Every person deployed by the Contractor must use appropriate PPEs (Personal Protective Equipment) to be provided by the Contractor. The Contractor shall provide Personnel Protective Equipment as per the hazard identified and risk assessed for the job and conforming to statutory requirement. Safety appliances like protective footwear, Safety Helmet and Full Body harness, Fall Prevention Devises (FPD) shall conform to relevant IS codes. If the Contractor fails to provide the safety items as mentioned above to the working personnel, the Contractor may request to the Company (OIL) for providing the same. In case of exigency OIL will provide the safety items if available. However in turn, OIL will recover the actual cost of the items by deducting from Contractor's Bill. However, it will be the Contractor's sole responsibility to ensure that the persons engaged by him use the proper PPE while at work. Contractor employees should be encouraged for proper use and maintenance of PPE. In absence of appropriate PPEs, the representative of OIL has the right to stop the work which will be binding for the Contractor. Moreover, the accountability towards any delay in work/ penalty due non-adherence to PPE shall be binding to the Contractor.

h) All safety gears as per requirement of job are to be provided to the working personnel before commencement of the work.

i) Standard Operating Procedures (SOPs) related to scope of work shall be handed over to the representative of OIL by Contractor including an assessment of risk, wherever possible and safe methods to deal with it/ them. The SOP should clearly mention the risk arising to men, machineries & material from the operations to be done by the contractor and how it is to be managed. However; in case of any doubts, the Contractor shall reconfirm the same from the Engineer In Charge (OIL).

j) Contractor has to ensure that all work is carried out in accordance with the SOP and for the purpose he may deploy competent personnel for the purpose of carrying out the job in a safe manner. For the work which is not covered under SOP, the Contractor shall develop it and submit to the representatives of OIL.

k) In case of deviation of SOP or non-availability of SOP, Job Safety Analysis (JSA) shall be carried out before commencement of the work.

l) Necessary cold and hot work permits, wherever applicable, including excavation clearance and permission for working at height, Confined Space Entry are to be obtained by the competent person of the Contractor from Installation Manager before start of the job(s). Work Permit System should be inline as per guidelines issued by HSE Department.

m) If the Company (OIL) arranges any safety awareness program/ training for the working personnel at site (company employee, Contractor worker, etc.) the Contractor will not have any objection to any such training.

n) The Contractor or his representative shall arrange tool box meetings and regular site safety meetings and maintain records.

o) Contractor should ensure that all his personnel deployed are of sound health and medically fit as per the requirement of the job. The Contractor shall not engage minor labor below eighteen (18) years of age under any circumstances.

p) OIL will communicate all information to the Contractor or his authorized representative only. Contractor shall submit details of authorized representative wherever applicable.

q) The Contractor shall have to report all incidents including near miss to the representative of OIL.

r) Any compensation arising out of the job carried out by the Contractor whether related to pollution, Safety or Health will be paid by the Contractor only.

s) Any compensation arising due to accident of the Contractor's personnel while carrying out the job, will be payable by the Contractor and their medical treatment/ facilities in case of accidents should be provided by the same contractor.

t) The Contractor should prevent frequent change of his deployed employees as far as practicable. However, if OIL's Engineer In Charge found any person not suitable for the job, the Contractor has to remove the person and replace a suitable person.

u) Necessary sign-board/ warning signals like "caution", "hot work in progress", "men at work", emergency telephone numbers etc. should be used wherever applicable. The said signals/ sign-boards shall have to be arranged by the contractor and shall be in line with the circular of signboards issued by HSE Department, Oil India Limited.

v) Barricading of area to be done with reflecting tapes as applicable during work.

w) The First-Aid box should be provided by the Contractor and the same has to be kept ready to use at the site.

x) Smoking is prohibited in all Company restricted areas except in authorized smoking areas/ shelters. Carrying of matches and lighters into the Hazardous Area is prohibited. Cellular phones shall not be used in operating areas/ hazardous areas unless they have been classified as "intrinsically safe" for use in that atmosphere. Consumption of alcohol and possession of non-prescribed drug in Company work site is strictly prohibited.

y) When there is a significant risk to health, environment or safety of a person or place arising because of a non-compliance of HSE Measures Company will have the right to direct the Contractor to cease work until the non-compliance is corrected.

z) In case Contractor is found non-compliant of HSE laws as required and all the above mentioned general HSE points, company will have the right for directing the Contractor to take action to comply with the requirements, and for further non-compliance, appropriate action will be initiated against the Contractor.

aa) Any requirement arise by the Statutory Authorities during the period of contract shall be applicable and binding for the Contractor.

bb) For any HSE matters not specified in the contract document, the contractor will abide the relevant and prevailing Acts/rules/regulations/pertaining to Health, Safety and Environment.

2.66 **Contractor's Obligation**:

2.66.1 The contractor shall comply with all provisions stipulated by the Ministry of Labour and Employment vide D.O. No. Z-20025/13/2019-LRC(E)/e-119357 dated 24.04.2026 along with any subsequent amendments, notifications, orders, or instructions issued by the Government from time to time.

2.66.2 Contractor shall not engage any person who has attained the age of 60 (sixty) years as a Contract Labour for execution of the contract. "Contract Labour" shall mean any worker hired in or in connection with the work of an establishment by or through a contractor or sub-contractor, with or without the knowledge of the Principal Employer, as defined under Section 2(m) of the Occupational Safety, Health and Working Conditions Code, 2020.

2.66.3 The Bidder/Contractor must abide by the following new Labour Codes/notified by Govt. of India on 21.11.2025 and their Rules to be notified:

a) The Code on Wages, 2019 and rules framed there under.
b) The Industrial Relations Code, 2020 and rules framed there under.
c) The Code on Social Security, 2020 and rules framed there under.
d) The Occupational Safety, Health and Working Conditions Code, 2020 and rules framed there under

2.67 **CONTRACTOR'S RISKS**:
All risks of loss of or damage to physical property and of physical injury and death to the personnel, which arise during the course of and in consequence of the performance of the contract, are the responsibility of the contractor.

2.68 **LABOUR CLEARANCE ADVICE/LABOUR CLEARANCE CERTIFICATE**:
The Contractor shall obtain and submit the Labour Clearance Advice (LCA) and/or Labour Clearance Certificate (LCC) within the mobilization period.

The following are the three different categories of labour clearances:

2.68.1 In case of engaging 50 or more contract labours per day, Labour License is to be obtained from Regional Labour Commissioner (Central) and finally LCA from HR Relation Department of OIL, Duliajan.

2.68.2 In case of engaging maximum 49 or less contract labours per day, LCA is to be obtained from HR Relation Department of OIL, Duliajan.

2.68.3 In case 10 or more Inter-state migrant contract labours are engaged per day, ISMW (Inter-state migrant workers) license is to be obtained from Regional Labour Commissioner (Central) and finally LCA from HR Relation Department of OIL, Duliajan.

Depending on total number of labourers engaged, the LCA/License Decision making is tabulated as 2 by 2 matrix below:

Total Number of Labourers engaged	**09 or less Inter-state Migrant Work-persons**	**10 or more Inter-state Migrant Work-persons.**
49 or less Contract Labours	-Only LCA required from HR Relations	-Inter-state migrant Work persons license required from labour authority. -LCA Required from HR Relations
50 or more Contract Labours	-Labour license under the Contract Labour (R&A) Act is required from labour authority. -LCA Required from HR Relations	-Inter-state migrant Work-persons license required from labour authority. -Labour license under the Contract Labour (R&A) Act is required from labour authority -LCA Required from HR Relations

2.69 The contractor shall deposit the PAN and GST registration number (if applicable, as per Statutory GST Regulations) as and when required by the Company. If the above are not available with the contractor, the contractor must apply for the same after signing of the Contract and submit the same within 45 days of signing the contract (or as and when advised by the Company, after 45 days of signing the contract). Moreover, the statutory guidelines of Goods and Service Tax (GST) shall be adhered to by the contractor.

2.70 A Hindrance Register shall be maintained in the enclosed Format to record all hindrances encountered during execution of works against the contract. The items of work affected due to any hindrance shall be clearly recorded in the Hindrance Register and the Engineer-in-charge of the Company as well as the site representative of the Contractor will sign on the

register against the recorded hindrance. In case of encountering multiple hindrances simultaneously over a period of time affecting the same item or different items, the net period of hindrance will be worked out considering the overlapping period.

2.71 Company reserves the right to initiate actions against the bidder / contractor during processing of tender and / or during continuation of the contract as per OIL's Banning Policy available at OIL's website.

2.72 **PBG/Security Deposit Clause:** The Contractor has furnished to Company the performance security in the form of _____ of Rs. _____ **(Not to be filled up by the bidder while submitting the offer. This is to be filled up by OIL at the time of award of the contract to the successful bidder)** (being 2.5% of the contract value) with validity upto _____. The Performance Security shall be payable to Company as compensation for any loss resulting from Contractor's failure to fulfil their obligations under the Contract. If in case the original Contract is required to be amended thereby increasing the Contract cost or the contractual period or both, the Contractor must deposit the requisite additional amount of Performance Security and / or extend the validity of the Performance security accordingly. Security deposit will be released to the Contractor after successful completion of defect liability period as defined in the Contract subject to receipt of advice for release of the same from the User Department.

2.73 **ACCEPTANCE OF POWER OF ATTORNEY FOR EXECUTION OF CIVIL WORK**

2.73.1 **General**

The Contractor may authorize a representative through a Special Power of Attorney (PoA) for the purpose of site-level execution of works under this Contract, subject to the conditions stipulated herein. Acceptance of any PoA shall be entirely at the discretion of Oil India Limited (the Company) and the Company reserves the right to reject or withdraw acceptance of the same at any stage without assigning any reason.

2.73.2 **Conditions for Acceptability of PoA**

A Power of Attorney shall be considered acceptable only if it satisfies all the following conditions:

a) The PoA holder must not be proprietor/partner of any other OIL's registered firm.
b) The PoA holder shall be a major (minimum 18 years of age), be of sound mind, not be debarred / blacklisted by any PSU / Government organization.
c) The PoA shall be a Special Power of Attorney (as per the given format as Annexure), executed exclusively for this Contract, and not a General Power of Attorney.
d) The PoA shall be executed on Non-Judicial Stamp Paper of appropriate value, and duly notarized.
e) The PoA shall clearly mention Contract Number & Description of work of the Contract.
f) The PoA shall bear recent passport-size photograph of the PoA holder along with specimen signature of the PoA holder duly attested by the Contractor.
g) The PoA shall not override any terms of the Contract.
h) The Company shall have the right to seek additional clarification / documents whenever required and/or reject the PoA if found ambiguous, excessive, or prejudicial to Company interest.

2.73.3 **Company's Discretion**

Acceptance of a PoA by the Company shall not be deemed automatic and shall not absolve the Contractor of any contractual obligations. The Company may, at its sole discretion:

a) Reject the PoA at any stage without assigning any reason.
b) Disallow specific powers mentioned in the PoA.
c) Withdraw recognition of the PoA holder for misuse or non-performance.
d) Require replacement of the PoA holder at any time.

2.73.4 **Scope of Powers Granted to the PoA Holder**

Subject to acceptance by the Company, the PoA holder shall be authorized only for site-level operational activities as detailed below:

a. Site Supervision

To manage, supervise, and coordinate execution of works at site strictly in accordance with contract provisions, approved drawings & as per instructions of the Engineer-in-Charge

b. Materials, Tools & Equipment

To receive, deploy, safeguard, and account for materials, tools, plants, and equipment issued by the Company or arranged by the Contractor solely for execution of the works.

c. Measurements

To remain present during joint measurements and to sign Measurement Books only as "Contractor's Authorized Site Representative", subject to verification and final certification by the Company.

d. Labour Management

To supervise labour for execution of works, ensure timely wage payment & maintain labour-related records without certifying statutory compliance, which shall remain the Contractor's responsibility.

e. Site Records & Reports

To submit routine execution-related documents including Daily Progress Reports, site instructions compliance reports, labour deployment statements, & safety and housekeeping records

f. Routine Correspondence

To sign and submit routine correspondence relating to execution methodology, site coordination, clarifications sought by site officials, excluding any correspondence involving contractual interpretation, claims, or disputes.

2.73.5 **Restrictions on PoA Holder**

Notwithstanding anything contained elsewhere, the PoA holder shall not have authority to:

a) Sign the contract and/or work order
b) Modify, amend, waive, or interpret any provision of the Contract
c) Submit, certify, or settle bills, claims, counter-claims, or variation proposals
d) Receive contract payments, security deposits, retention money, or refunds
e) Appoint sub-contractors or assign any part of the work
f) Represent the Contractor in Arbitration, Litigation, Vigilance or disciplinary proceedings unless sought by Oil India Limited

2.73.6 **Revocation and Termination**

The PoA shall stand revoked:

a) Upon completion of the Contract and release of retention money, or
b) Upon written revocation by the Contractor, or
c) Upon written direction of the Company
d) Upon proven misconduct or negligence
e) Upon death of the POA Holder
f) Upon resignation of the POA Holder
g) Upon insolvency or bankruptcy of the Contractor
h) Upon conviction of the POA Holder for any criminal offence.

Revocation of PoA shall not relieve the Contractor of contractual responsibilities.

2.73.7 **Contractor's Responsibility**

Appointment of a PoA holder shall not dilute or transfer the Contractor's obligations, liabilities, or accountability under the Contract. The Contractor shall remain fully responsible and liable for all acts, omissions, negligence, misconduct, misrepresentation, fraud, breach of contract, and statutory violations committed by its authorized Power of Attorney holder(s) in connection with the Contract.

Any act performed by the Attorney Holder within the scope of the Power of Attorney shall be deemed to be an act of the Contractor. The Contractor and the Attorney Holder shall be jointly and severally liable for all consequences arising therefrom.

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WORKS CONTRACT

SCHEDULE OF COMPANY'S PLANTS, MATERIALS AND EQUIPMENT

A. SCHEDULE OF MATERIALS AVAILABLE AT THE COMPANY'S STORES/STOCK PILES for permanent incorporation in works and

B. SCHEDULE OF COMPANY'S PLANTS AND EQUIPMENT for use in the execution of work.

1) **MATERIALS:** NIL

2) **PLANTS AND EQUIPMENT:** NIL

NOTE:

All Materials to be supplied by Contractor.

To,
CGM-CONTRACTS (HOD)
OIL INDIA LIMITED
DULIAJAN-786602

SUB: SAFETY MEASURES

DESCRIPTION OF WORK/SERVICE: Construction of G+3 Main Office Building, G+1 Annex Building along with Boundary Wall at Security Department, FHQ, Duliajan including supply of all materials.

Sir,

We hereby confirm that we have fully understood the safety measures to be adopted during execution of the above contract and that the same have been explained to us by the concerned authorities. We also give the following assurances.

a) Only experienced and competent persons shall be engaged by us for carrying out work under the said contract.

b) The names of the authorized persons who would be supervising the jobs on day to day basis from our end are the following:

i) _____
ii) _____
iii) _____

The above personnel are fully familiar with the nature of jobs assigned and safety precautions required.

c) Due notice would be given for any change of personnel under item (b) above.

d) We hereby accept the responsibility for the safety of all the personnel engaged by us and for the safety of the Company's personnel and property involved during the course of our working under this contract. We would ensure that all the provisions under the Oil Mines Regulations, 2017 and other safety rules related to execution of our work would be strictly followed by our personnel. Any violation pointed out by the Company's Engineers would be rectified forthwith or the work suspended till such time the rectification is completed by us and all expenditure towards this would be on our account.

e) We confirm that all persons engaged by us would be provided with the necessary Safety Gears at our cost.

f) All losses caused due to inadequate safety measures or lack of supervision on our part would be fully compensated by us and the Company will not be responsible for any lapses on our part in this regard.

g) We shall abide by the HSE (Health Safety & Environment) points mentioned in SCC.

(Seal) Yours Faithfully

Date_____ M/s_____
CONTRACTOR

INTEGRITY PACT

Between
Oil India Limited (OIL) hereinafter referred to as "The Principal"
And
(Name of the bidder).....hereinafter referred to as "The Bidder"

Preamble:

The Principal intends to award, under laid down organizational procedures, contract/s for **"Construction of G+3 Main Office Building, G+1 Annex Building along with Boundary Wall at Security Department, FHQ, Duliajan including supply of all materials".** The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s.

In order to achieve these goals, the Principal cooperates with the renowned international Non-Governmental Organization "Transparency International" (TI). Following TI's national and international experience, the Principal will appoint an external independent Monitor who will monitor the tender process for compliance with the principles mentioned above.

Section 1 - Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent Corruption and to observe the following principles:-

I. No employee of the Principal, personally or through family members, will in connection with the tender for, or during execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.

II. The Principal will, during the tender process treat all Bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder could obtain an advantage in relation to the tender process.

III. The Principal will exclude from the process all known prejudiced persons.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officers and in addition can initiate disciplinary actions.

Section 2 - Commitments of the Bidder

(1) The Bidder commits itself to take all measures necessary to prevent corruption. During his participation in the tender process, the Bidder commits himself to observe the following principles:

I. The Bidder will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during subsequent contract execution, if awarded.

II. The Bidder will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

III. The Bidder(s) will not commit any offence under the relevant Anticorruption Laws of India, further, the Bidder(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

IV. The Bidder will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

V. Bidders to disclose any transgressions with any other public/government organization that may impinge on the anti-corruption principle. The date of such transgression, for the purpose of disclosure by the bidders in this regard, would be the date on which cognizance of the said transgression was taken by the competent authority. The period for which such transgressions (s) is/are to be reported by the bidders shall be the last **three years** to be reckoned from date of bid submission. The transgression (s), for which cognizance was taken even before the said period of three years, but are pending conclusion, shall also be reported by the bidders.

VI. The Bidder(s) of foreign origin shall disclose the name and address of the Agents/ representatives in India, if any. Similarly, the Bidder(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further, all the payments made to the Indian agent/ representative have to be in India Rupees only.

VII. Bidders not to pass any information provided by Principal as part of business relationship to others and not to commit any offence under PC/ IPC Act;

(2) The Bidder will not instigate third persons to commit offences outlined above or be an accessory to such offences.

(3) The Bidder signing Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will await their decision in the matter.

Section 3 - Disqualification from tender process and exclusion from future Contracts

If the Bidder, before contract award has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or risibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process, for such reason.

1. If the Bidder has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 2 years.

2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.

3. If the Bidder can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.

4. A transgression is considered to have occurred if in light of available evidence, no reasonable doubt is possible.

5. Integrity Pact, in respect of a particular contract, shall be operative from the date Integrity Pact is signed by both the parties or as mentioned in Section 9 - Pact Duration whichever is later. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.

Section 4 - Compensation for Damages

1. If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to Earnest Money Deposit / Bid Security.

2. If bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder can prove and establish that the exclusion of the Bidder from the tender process has caused no damage or less damage than the amount or the liquidated damages, the Bidder shall compensate the Principal only to the extent of the damage in the amount proved.

Section 5 - Previous transgression

1. The Bidder declares that no previous transgression occurred in the last 3 years with any other company in any country conforming to the TI approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process for such reason.

Section 6 - Equal treatment of all Bidders/Contractor/Subcontractors

1. The Principal will enter into Pacts on identical terms with all bidders.

2. The Bidder undertake(s) to procure from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder shall be responsible for any violation(s) of the provisions laid down in this agreement/Pact by any of its sub-contractors/sub-vendors.

3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 - Criminal charges against violating Bidders/Contractors/Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section 8 - External Independent Monitor/Monitors

1. The Principal appoints competent and credible Independent External Monitor (IEM) for this Pact.

2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairperson of the Board of the Principal.

3. The Bidder accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Bidder. The Bidder will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under

contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor with confidentiality.

4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Bidder. The parties offer the Monitor the option to participate in such meetings.

5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action. However, the Independent External Monitor shall give an opportunity to the bidder to present its case before making its recommendations to the Principal.

6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.

7. If the Monitor has reported to the Chairperson of the Board a Substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the Chairperson has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8. The word 'Monitor' would include both singular and plural.

9. In case of any complaints referred under IP Program, the role of IEMs is advisory and the advice of IEM is non-binding on the Organization. However, as IEMs are invariably persons with rich experience who have retired as senior functionaries of the government, their advice would help in proper implementation of the IP.

Section 9 - Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chairperson of the Principal.

Section 10 - Other provisions

1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal. The Arbitration clause provided in the main tender document / contract shall not be applicable for any issue / dispute arising under Integrity Pact.

2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

3. If case of a joint venture, all the partners of the joint venture should sign the Integrity Pact. In case of sub-contracting, the principal contractor shall be solely responsible for the adherence to the provisions of IP by the sub-contractor (s).

4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intensions.

Contractor Company

For the Principal

For the Bidder/Contractor

Place: Duliajan.

Witness 1: .....

Date:

Witness 2: .....

Annexure-I

(TO BE TYPED ON THE OFFICIAL LETTER HEAD OF THE BIDDER)

To,

Oil India Limited

Contracts Department

Duliajan, Assam - 786602

Sub: UNDERTAKING/DECLARATION BY THE BIDDER (S) IN RESPECT OF TENDER NO. CDC2497P27

(To be submitted by the Bidders who are not covered under EPF&MP Act, 1952)

Dear Sirs,

This is in connection with the Bid submitted by ..... (Name of the Bidder) against Tender .....for .....(subject of the Tender). As per the conditions stipulated in Clause no..... (Name of the Provision/Covering Letter etc.), we/I, being authorized on behalf of .....(Name of the Contractor) hereby confirm and undertake as follows;

- That our Firm/Company shall be responsible to comply with all the applicable labour laws in respect of the present Contract.

- That we are fully conversant with the applicable laws and confirm that our Firm/Company is not covered under the Employees Provident Funds and Misc. Provisions Act, 1952 and applicable Rules there under, and therefore I we have not obtained any registration or Provident Fund Code under the Act.

- That if, during the period of the present Contract, we/our Firm /Company comes within the coverage of the aforesaid Acts or any other statutes; we shall comply with the same and submit the necessary documents to OIL. We further confirm that we will indemnify OIL towards any future statutory compliances/claims raised from any corner including statutory authorities against the Labour engaged by our Firm/Company in the Contract.

- That in the event of any contravention towards the applicable laws found on our part in respect of the present Contract, we undertake to indemnify OIL and deposit the claims, if any.

- That we shall fulfill all the obligations arising from under the labour laws in force from time to time and keep OIL indemnified against any loss/liability arising out of failure of our avoiding the laws.

We, further agree and undertake that in case of any violation of the above undertaking, OIL shall be at liberty to take appropriate action against us in terms of the Tender including but not limited to termination of contract and debarment from future business with OIL.

I/We declare that the information given above is true and any misstatement or misrepresentation or suppression of facts in connection with the above undertaking may entail rejection of the bid and cancellation of contract, if awarded.

Yours faithfully,

1. Authorized Signatory _____
(BIDDER)

Place:-
Date:-

CERTIFICATE OF ANNUAL TURNOVER & NET WORTH

TO BE ISSUED BY PRACTISING **CHARTERED ACCOUNTANTS' FIRM** ON THEIR LETTER HEAD

TO WHOM IT MAY CONCERN

This is to certify that the following financial positions extracted from the audited financial statements of M/s..... (Name of the Bidder) bearing PAN …… for the last three (3) completed accounting years upto ……..**(as the case may be)** are correct.

YEAR	TURN OVER In INR (Rs.)	NET WORTH In INR (Rs.)

Annual Financial Turnover of the bidder from operations shall mean: "Aggregate value of the realization of amount made from the sale, supply or distribution of goods or on account of services rendered, or both, by the company (bidder) during a financial year" as per the Companies Act, 2013 Section 2 (91).

Net worth shall mean: "Share capital + Reserves created out of profits and securities Premium – Aggregate value of accumulated losses (excluding revaluation reserves) – deferred expenditure – Miscellaneous Expenditure to the extent not written off and carried forward Loss - Reserves created out of write back of depreciation and amalgamation"

Place:
Date:

Seal:
UDIN:
Membership No. :
Registration Code. :

Signature

Annexure-III

FORM OF BID SECURITY (BANK GUARANTEE FORMAT)

To
M/s OIL INDIA LIMITED,
CONTRACTS DEPARTMENT,
DULIAJAN, ASSAM, INDIA, PIN-786602

WHEREAS, (Name of Bidder) _____ (hereinafter called "the Bidder") has submitted their offer Dated _____ for the provision of certain services (hereinafter called "the Bid") against OIL INDIA LIMITED, Duliajan, Assam, India (hereinafter called the Company's) Tender No. _____ KNOW ALL MEN BY these presents that we (Name of Bank) _____ of (Name of Country) _____ having our registered office at _____ (hereinafter called "Bank") are bound unto the Company in the sum of (*_____) for which payment well and truly to be made to Company, the Bank binds itself, its successors and assignees by these presents.

SEALED with the said Bank this ___ day of _____ 20_____

THE CONDITIONS of these obligations are:

1. If the Bidder withdraws their Bid within its original/extended validity; or
2. The Bidder modifies/revises their bid suo moto; or
3. The Bidder does not accept the contract; or
4. The Bidder does not furnish Performance Security Deposit within the stipulated time as per tender/contract; or
5. If it is established that the Bidder has submitted fraudulent documents or has indulged into corrupt and fraudulent practice.

We undertake to pay to Company up to the above amount upon receipt of its first written demand (by way of letter/fax/cable), without Company having to substantiate its demand provided that in its demand Company will note that the amount claimed by it is due to it owing to the occurrence of any of the conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including the date (**--/--/--) and any demand in respect thereof should reach the Bank not later than the above date.

The details of the Issuing Bank and Controlling Bank are as under:

A. Issuing Bank:

BANK FAX NO:

BANK EMAIL ID:

BANK TELEPHONE NO.:

IFSC CODE OF THE BANK:

B. Controlling Office:

Address of the Controlling Office of the BG issuing Bank:

Name of the Contact Person at the Controlling Office with Mobile No. and e-mail address:

Contd.... P/2

Notwithstanding anything contained herein:

a) Our liability under this Bank Guarantee shall is restricted up to Rs.....

b) This guarantee shall be valid till .....

c) We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before ..... (Date of Expiry of BG PLUS one year claim period).

d) At the end of the claim period that is on or after ..... (Date of expiry of the Bank Guarantee Plus Minimum of 1 year claim period shall be stipulated) all your rights under this Guarantee shall stand extinguished and we shall be discharged from all our liabilities under this Guarantee irrespective of receipt of original Bank Guarantee duly discharged, by Bank.

Name of the Contact Person at the Controlling Office with Mobile No. and e-mail address:

a) SIGNATURE AND SEAL OF THE GUARANTORS_____
b) Designation _____
c) Name of the Bank_____
d) Address _____

Note:

***** The Bidder should insert the amount of the guarantee in words and figures.

****** Date of expiry of Bank Guarantee should be minimum 45 days after the end of the validity period of the Bid/as specified in the Tender.

******* The Bank Guarantee issuing bank branch shall ensure the following:

a. The Bank Guarantee issued by the Bank must be routed through SFMS platform as per following details:

(i) MT 760/ MT 760 COV for issuance of Bank Guarantee
(ii) MT 760/ MT 767 COV for amendment of Bank Guarantee

The above message / intimation shall be sent through SFMS (indicating the Contract Number) by the BG issuing bank branch to ICICI BANK, Duliajan Branch; IFSC Code – ICIC0000213; SWIFT Code – ICICINBBXXX; Branch Address: ICICI Bank Ltd., Kunja Bhavan, Daily Bazaar, Duliajan, Dibrugarh, Assam -786602.

b. Bank Guarantee issued by a Scheduled Bank in India at the request of some other Non-Scheduled Bank of India shall not be acceptable.

c. Further correspondence against BG towards Bid Security must contain the Tender Number.

Annexure-IV

FORMAT OF PERFORMANCE BANK GUARANTEE

(TO BE FURNISHED BY THE CONTRACTOR IN CASE OF SUBMITTING PERFORMANCE SECURITY IN THE FORM OF BANK GUARANTEE AFTER ISSUE OF LOI)

To
M/s OIL INDIA LIMITED,
CONTRACTS DEPARTMENT,
DULIAJAN, ASSAM, INDIA, PIN-786602

WHEREAS _____ (Name and address of the Contractor) (hereinafter called "Contractor") had undertaken, in pursuance of Contract No. _____ to execute (Name of Contract and Brief Description of the Work) _____ (hereinafter called "the Contract").

AND WHEREAS is has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee as security for compliance with Contractor's obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee; Now THEREFORE we hereby affirm that we are Guarantors on behalf of the Contractor, up to a total of (Amount of Guarantee in figures) _____)in words _____), such amount being payable in the types and proportions of currencies in which the Contract price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of guarantee sum as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein. We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or the work to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way cease us from any liability under this guarantee, and we hereby waive notice of such change, addition or modification.

This guarantee is valid until the _____day of _____

The details of the Issuing Bank and Controlling Bank are as under:

C. Issuing Bank:

BANK FAX NO:

BANK EMAIL ID:

BANK TELEPHONE NO.:

IFSC CODE OF THE BANK:

D. Controlling Office:

Address of the Controlling Office of the BG issuing Bank:

Name of the Contact Person at the Controlling Office with Mobile No. and e-mail address:

Contd.... P/2

Notwithstanding anything contained herein:

e) Our liability under this Bank Guarantee shall is restricted up to Rs.....

f) This guarantee shall be valid till .....

g) We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before ..... (Date of Expiry of BG PLUS one year claim period).

h) At the end of the claim period that is on or after ..... (Date of expiry of the Bank Guarantee Plus Minimum of 1 year claim period shall be stipulated) all your rights under this Guarantee shall stand extinguished and we shall be discharged from all our liabilities under this Guarantee irrespective of receipt of original Bank Guarantee duly discharged, by Bank.

Name of the Contact Person at the Controlling Office with Mobile No. and e-mail address:

e) SIGNATURE AND SEAL OF THE GUARANTORS _____
f) Designation _____
g) Name of the Bank_____
h) Addres_____

Note:

***** The Bidder should insert the amount of the guarantee in words and figures.

****** The Bank Guarantee issuing bank branch shall ensure the following:

d. The Bank Guarantee issued by the Bank must be routed through SFMS platform as per following details:

(iii) MT 760/ MT 760 COV for issuance of Bank Guarantee
(iv) MT 760/ MT 767 COV for amendment of Bank Guarantee

The above message / intimation shall be sent through SFMS (indicating the Contract Number) by the BG issuing bank branch to ICICI BANK, Duliajan Branch; IFSC Code – ICIC0000213; SWIFT Code – ICICINBBXXX; Branch Address: ICICI Bank Ltd., Kunja Bhavan, Daily Bazaar, Duliajan, Dibrugarh, Assam -786602.

e. Bank Guarantee issued by a Scheduled Bank in India at the request of some other Non-Scheduled Bank of India shall not be acceptable.

f. Further correspondence against BG towards Performance Security must contain the Contract Number.

Annexure-V

UNDERTAKING BY VENDOR ON SUBMISSION OF BANK GUARANTEE

To,

The Oil India Limited
Contracts Department
Duliajan – 786602
Assam

We M/s ..... are submitting the Bid Security/ Performance Security (strike out whichever not applicable) in favour of Oil India Limited, Duliajan in the form of bank guarantee bearing Reference No. ..... for an amount of INR ..... valid up to ..... as per terms and conditions of the Tender/Contract No. .....

BG issuing bank details:

Bank: Branch: IFS Code:	
Contact Details E-mail Addresses:	Mobile No.: Telephone No.: Fax No.:
Correspondence Address H No/Street/City:	State: Country: Pin Code:

Declaration:

We have arranged to send the confirmation of issuance of the bank guarantee via SFMS portal through our bank using the details mentioned in the tender/contract and hereby confirming the correctness of the details mentioned.

Authorized Signature: _____

Name: _____

Vendor Code: _____

Email ID: _____

Mobile No.: _____

Enclosure: Original bank guarantee

Annexure-VI

Format of Undertaking by bidders to declare percentage of Local Content in works offered
(To be submitted on Bidder's letter head)

To,

Oil India Limited

Contracts Department

Duliajan, Assam - 786602

Sub: PURCHASE PREFERENCE POLICY (LINKED WITH LOCAL CONTENT) (PP-LC):

Dear Sirs,

I/We _____ (Name of the bidder) undertake that we meet the mandatory minimum Local Content (LC) requirement i.e. 50 % as per Clause No. 2.5 & 4.4 (a) of the policy vide Letter No. FP-20013/2/2017-FP-PNG dated 17th November, 2020 of MoPNG to bid against **Tender No. CDC2497P27.**

The percentage of local content in the bid is _____%.

Yours faithfully,

For (Name of the firm _____)

Signature of Authorised Signatory/ POA

Name:

Designation:

Place:

Date:

(Affix Seal of the Organization here)

ANNEXURE VII - FORMAT FOR HINDRANCE REGISTER

Description of Project : …….. Contract No. & Date : ……..

Contractor's Name : …….. Scheduled Completion Date : ……..

Sl. No.	Nature of Hindrance	Items of work that could not be executed because of this hindrance	Date of start of hindrance	Date of Removal of hindrance	Period of hindrance	Overlapping Period, if any	Net hindrance days	Remarks

Signature of Contractor's Representative	Signature of Engineer-in-charge	Signature of HoD

Annexure-VIII

Format of undertaking by Bidders towards submission of authentic information/documents

(To be typed on the official letter head of the bidder)

Sub: Undertaking of authenticity of information/documents submitted

Ref: Your Tender No. CDC2497P27

To,
Oil India Limited
Contracts Department
Duliajan, Assam – 786602

Dear Sirs,

With reference to our quotation against your above-referred tender, we hereby undertake that no fraudulent information/documents have been submitted by us.

We take full responsibility for the submission of authentic information/documents against the above cited bid.

We also agree that, during any stage of the tender/contract agreement, in case any of the information/documents submitted by us are found to be false/forged/fraudulent, OIL has right to reject our bid at any stage including forfeiture of our EMD and/or PBG and/or cancel the award of contract and/or carry out any other penal action on us, as deemed fit.

Yours faithfully,

For (Name of the firm _____)

Signature of Authorised Signatory

Name:

Designation:

Phone No.:

Place:

Date:

(Affix Seal of the Organization here)

Annexure-IX

TO BE EXECUTED ON THE OFFICIAL LETTER HEAD OF THE BIDDER BY THE AUTHORIZED SIGNATORY OF THE BIDDER

Certificate of compliance of Financial Criteria in respect of Tender No. CDC2497P27

I ..... the authorized signatory(s) of ..... (Bidder's/ Firm's name) do hereby solemnly affirm and declare as under:-

The Balance Sheet/Financial Statements for the financial year 2025-2026 has actually not been audited as on the Original Bid closing Date.

Yours faithfully,

For (Name of the firm _____)

Signature of the authorized signatory

Name of bidder/ firm: .....

Designation:

Place: .....

Date: .....

(Affix Seal of the Organization here)

Note to bidders: *This certificate is to be issued only considering the time required for preparation of Financial Statements i.e. if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the Original Bid Closing Date. In case of extension of due date for Tax Audit for the preceding financial/ accounting year, the Undertaking shall be applicable only if the original bid closing date falls within the extended period.*

Annexure-X

PROFORMA FOR AUTHORISED SIGNATORY

(To Be furnished by Non-Registered Contractor of OIL in case the Firm is Partnership or Co-Operative Societies)

TO
CGM-CONTRACTS (HoD)
Contracts Department
OIL INDIA LIMITED
P.O. DULIAJAN PIN-786602
Dist. Dibrugarh, Assam, India

Dear Sir,

SUB: OIL's IFB No. CDC2497P27

Partner/Members of M/s_____ solemnly authorize Mr._____ to act as Primary authorized signatory of our firm M/s_____.

Mr._____ of M/s_____ is authorized to sign all the undertakings, agreement and such other documents as may be necessary on behalf of firm.

All his actions in relation to this business will be binding on us.

Partners/Members

1._____
2._____
3._____

ACCEPTANCE AS AN AUTHORIZED SIGNATORY

I, Mr. _____(Partner) hereby solemnly accord my acceptance to act as authorized signatory for the above referred business and all my acts shall be binding on the business.

Yours faithfully,

Signature: _____

Name & Designation _____

For & on behalf of _____

NOTE: This letter of authority shall be on printed letter head of the firm, and shall be accompanied by Power of attorney.

Annexure-XI

DECLARATION ABOUT BIDDER'S FINANCIAL STANDING

To,
CGM-CONTRACTS
OIL INDIA LIMITED
DULIAJAN - 786602

Sub: Undertaking/Declaration regarding financial standing

Ref: Tender No. **CDC2497P27**

We, _____ (name of bidder), hereby confirm that:

(1) We are neither bankrupt nor undergoing any insolvency resolution process or liquidation or bankruptcy proceeding under any law.

(OR)

(2) No insolvency resolution process or liquidation or bankruptcy proceeding is initiated under any law against us.

Place: _____

Date: _____

_____
(Name & Signature of the authorised
signatory of the bidder)

Annexure-XII

DECLARATION THAT BIDDER IS NOT UNDER HOLIDAY LIST/DELISTED/BLACKLISTED/DEBARRED

To,
CGM-CONTRACTS
OIL INDIA LIMITED
DULIAJAN - 786602

TENDER No: CDC2497P27

TENDER DESCRIPTION: "Construction of G+3 Main Office Building, G+1 Annex Building along with Boundary Wall at Security Department, FHQ, Duliajan"

Sub: Undertaking/Declaration regarding Holiday List, debarment etc.

Ref: Tender No. **CDC2497P27**

a) We, _____ (Name of the bidder) solemnly affirm that we have read and understood OIL's Banning Policy as available at OIL's website https://www.oil-india.com/banning-policy and accept the Banning Policy in toto without any demur, protest, reservations and agree to be bound by the said Policy.

b) We, hereby declare that neither our company nor any of its allied concerns, partners or associates or directors or proprietors involved in any capacity, are currently put on holiday list/banning list by OIL debarring us/them from carrying on business dealings with OIL.

c) We, also hereby declare that neither our company nor any of its allied concerns, partners or associates or directors or proprietors involved in any capacity, have not been involved in any previous transgressions in the last 3 years with any other company in any country conforming to the TI (Transparency International) approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

d) We, disclose the following allied concerns, partners or associates or directors or proprietors involved in any capacity in terms of the definition of Allied firms given in the "Banning Policy" of Oil India Limited:

Sl. No.	Name	Address	PAN No.	GST No.	OIL Vendor Code

Place: _____

Date: _____

_____
(Name & Signature of the authorised signatory of the bidder)

Annexure-XIII

Declaration by the vendor/party for confirmation of Term deposit/Fixed Deposit from the issuing bank

To,
M/s Oil India Limited,
P.O. Duliajan, Assam, India

Sub: **Contract No. .....**

Full address of the issuing bank	:	
Branch Code	:	
Authorised signatory with full name and designation	:	
Phone (Mobile) Numbers of the branch	:	
Email address of the branch	:	
Such fixed/term deposit must be pledged in favour of OIL and it must in the printed form on the physical original FDR in words "Pledged in favour of Oil India Limited"	:	

Authorised Person's Signature: _____

Name: _____

Designation: _____

Seal of the Bank:

Annexure-XIV

BID SECURITY DECLARATION

(To be submitted on Bidder's letter head in case bidder is exempted from Bid Security/EMD)

To,
CGM-CONTRACTS (HOD)
OIL INDIA LIMITED
P.O. DULIAJAN – 786602
Assam, India

Sub: BID SECURITY DECLARATION IN RESPECT OF TENDER NO. **CDC2497P27**

Dear Sir(s),

I/We, the undersigned, declare that:

1.0 I/We understand that, according to your Tender conditions, bids must be supported by a 'Bid Security' in the form of a 'Bid-Securing Declaration'.

2.0 I/We the undersigned hereby declare that if we withdraw or modify our Bids during the period of its validity, or if we are awarded the contract and fail to sign the contract, or we fail to submit performance security before the deadline defined in the Tender document; we will be suspended for the period of two years. This suspension of two years shall be automatic without conducting any enquiry.

Yours faithfully,

For (Name of the firm _____)

Signature of Authorised Signatory

Name:

Designation:

Place:

Date:

(Affix Seal of the Organization here, if applicable)

Annexure-XV

UNDERTAKING FOR WORKS INVOLVING POSSIBILITY OF SUB-CONTRACTING

(REF. CLAUSE NO. 8.6 OF THE BEC-BRC)

We, M/s _____, have read the clause regarding restrictions on procurement from a country which shares a land border with India and on sub-contracting to contractors from such-countries, we certify that we are not from such a country/or if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. We hereby certify that we fulfil all requirements in this regard and are eligible to be considered.

Yours faithfully,
For (type name of the firm here)

Signature of Authorized Signatory

Name:
Designation:
Phone No.
Place:
Date:

(Affix Seal of the Organization here, if applicable)

Annexure-XVI

UNDERTAKING TOWARDS COMPLIANCE OF CLAUSE NO. 8.1 OF THE BEC-BRC

We, M/s _____, have read the clause regarding restrictions on procurement from a country which shares a land border with India, we certify that we are not from such a country/or if from such a country, has been registered with the Competent Authority. We hereby certify that we fulfil all requirements in this regard and is eligible to be considered.

Yours faithfully,
For (type name of the firm here)

Signature of Authorized Signatory

Name:
Designation:
Phone No.
Place:
Date:

(Affix Seal of the Organization here, if applicable)

Annexure-XVII

PROFORMA FOR UNDERTAKING FROM THIRD PARTY INSPECTION AGENCY
(To be submitted on official letter head)

To,
M/s OIL INDIA LIMITED
P.O. DULIAJAN-786602
ASSAM, INDIA

Sir,

SUB: OIL's IFB No. CDC2497P27

M/s._____ having registered office at_____ intend to participate in the above referred tender of OIL INDIA LIMITED.

The tender conditions stipulates that the bidder shall submit documents pertaining to Bid Evaluation Criteria (BEC), duly verified and certified by designated independent Third-Party Inspection Agency.

In this regard this is to certify that copies of documents pertaining to Bid Evaluation Criteria (BEC)/Bid Rejection Criteria (BRC) submitted to us by the bidder have been verified and certified by us with originals and found to be genuine and authentic. We have signed and stamped on the copies of all the verified and certified documents having nos. pages.

Note: In the event of any requirement, OIL reserves the right to ask the inspection agencies to verify the documents with source, if required at no extra cost to OIL.
.

Thanking you,

Authorised Person's Signature: _____

Name: _____

PROFORMA OF "INSURANCE SURETY BOND" FOR "BID SECURITY"

(To be stamped in accordance with the Stamp Act)

To **M/s OIL INDIA LIMITED,** **Address: DULIAJAN,** **DIBRUGARH, ASSAM** **PIN-786602**	**Insurance Surety Bond (ISB) No.**	
	Date of ISB	
	ISB Valid up to (Expiry date)	
	Claim period up to (indicate date of expiry of claim period which includes minimum three months from the expiry date)	
	Stamp Sl. No./e-Stamp Certificate No.	

WHEREAS, (Name of Bidder) _____ (hereinafter called "the Bidder") has submitted their offer Dated _____ for the provision of certain services (hereinafter called "the Bid") against OIL INDIA LIMITED, Duliajan, Assam, India (hereinafter called the Company's) Tender No. _____ KNOW ALL MEN BY these presents that we _____ (Name & address of the "Insurer") _____ having our registered office at _____ (hereinafter called " Insurer "), its successors and assignees, unconditionally and irrevocably undertake to pay forthwith to the Company an amount of Rs. .....(Rupees ..... only) (hereinafter referred to as the "Surety Bond") as our primary obligation without any demur, reservation, recourse, contest or protest and without reference to the Bidder, if the Bidder shall fail to fulfil or comply with all or any of the conditions mentioned below or referred in the Tender document in this regards.

Any such written demand made by the Company stating that the Bidder is in default of the due and faithful fulfilment and compliance with the aforesaid conditions shall be final, conclusive and binding on the Surety Insurer.

SEALED with the said Insurer this ___ day of _____ 20_____

THE CONDITIONS of these obligations are:

1. If the Bidder withdraws their Bid within its original/extended validity; or
2. The Bidder modifies/revises their bid suomoto; or
3. The Bidder does not accept the contract; or
4. The Bidder does not furnish Performance Security Deposit within the stipulated time as per tender/contract; or
5. If it is established that the Bidder has submitted fraudulent documents or has indulged into corrupt and fraudulent practice.

NOW, THEREFORE, the Surety Insurer hereby, unconditionally and irrevocably, guarantees and affirms as follows:

1. The Surety Bond shall not be affected by any change in the constitution or winding up of the Bidder or the Surety Insurer or any absorption, merger or amalgamation of the Bidder or the Surely Insurer with any other person.

2. In order to give full effect to this Surety Bond, the Company shall be entitled to treat the Surety Insurer as the principal debtor.

3. The Surety Insurer declares that it has the power to issue this Surety Bond and discharge the obligations contemplated herein, the undersigned is duly authorised and has full power to execute this Surety Bond for and on behalf of the Surety Insurer.

4. Notwithstanding anything contained herein:

a) The Insurer's liability under this Insurance Surety Bond shall not exceed (currency in figures) . . . . . (currency in words only) . . . . .

b) This Insurance Surety Bond shall remain in force upto _____ and any extension(s) thereof; and

c) The Surety insurer shall be released and discharged from all liability under this Insurance Surety Bond unless a written claim or demand is issued to the insurer on or before the midnight of .....(indicate date of expiry of claim period which includes minimum **three months** from the expiry of this Insurance Surety Bond) and any extension(s) thereof. If a claim has been received by us within the said date, all the rights of Company under this Insurance Surety Bond shall be valid and shall not cease until we have satisfied that claim.

In witness whereof the insurer, through its authorized officer, has set its hand and stamp on this _____day of _____ 20__ at _____.

Witness:	**Issuing Authority:**
.....	.....
(Signature)	(Signature of the Authorised Signatory)
.....	.....
(Name)	(Name)
.....	.....
(Designation & official address)	(Designation with Insurer Stamp)

Authorised Vide
Power of Attorney
No.....
Date.....

INSTRUCTIONS FOR FURNISHING "BID SECURITY DEPOSIT" BY "INSURANCE SURETY BOND"

a) The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI).

b) The Company shall be the Creditor, the Bidder shall be the Principal debtor and the Insurance company/Insurer shall be the Surety in respect of the Insurance Surety Bond to be issued by the Insurer.

c) The Insurance Surety Bond should be on Non-Judicial stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the state(s) where the Insurance Surety Bond is submitted or is to be acted upon or the rate prevailing in State where the Insurance Surety Bond is executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Bidder/Insurer issuing the Insurance Surety Bond.

d) The expiry date and values should be arrived at in accordance with instructions provided in the “Introduction” of the Tender.

e) The Insurance Surety Bond by bidders will be given from Insurer as specified in the Tender.

f) A letter from the issuing insurer of the requisite Insurance Surety Bond confirming that the said Insurance Surety Bond / all future communication relating to the Insurance Surety Bond shall be forwarded to the Purchaser at its address as mentioned at "ITB".

g) Bidder must indicate the full postal address of the Insurer along with the Insurer 's E-mail / Phone from where the Insurance Surety Bond has been issued.

h) Bidder must indicate Name, Address, Contact number and official Email ID of the Controlling Office of the Surety Issuing Branch or any web portal link, from whom / where the Surety Bond can be got confirmed by the Company.

PROFORMA OF "INSURANCE SURETY BOND" FOR "PERFORMANCE SECURITY"

(To be stamped in accordance with the Stamp Act)

To **M/s OIL INDIA LIMITED,** **Address: DULIAJAN,** **DIBRUGARH, ASSAM** **PIN-786602**	**Insurance Surety Bond (ISB) No.**	
	Date of ISB	
	ISB Valid up to (Expiry date)	
	Claim period up to (indicate date of expiry of claim period which includes minimum three months from the expiry date)	
	Stamp Sl. No./e-Stamp Certificate No.	

WHEREAS, (Name and address of Contractor) _____ (hereinafter called "Contractor") had undertaken, in pursuance of Contact No. _____ to execute (Name of Contract and Brief Description of the Work) _____ (hereinafter called "the Contract").

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with an Insurance Surety Bond (ISB) as security for compliance with Contractor's obligations in accordance with the Contract.

AND WHEREAS we (May incorporate the Insurer) have agreed to give the Contractor such an Insurance Surety Bond; NOW THEREFORE we hereby affirm that we are Insurer on behalf of the Contractor, up to a total of (Amount of ISB in figures) _____ (in words_____), such amount being payable in the types and proportions of currencies in which the Contract price is payable, and we, undertake to pay you, upon your first written demand stating the default/breach committed by the Contractor without cavil or arguments, any sum or sums within the limits of guarantee sum as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein. We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or the work to be performed thereunder or of any of the Contract documents which may be made between you and the Contractor shall in any way cease us from any liability under this ISB, and we hereby waive notice of such change, addition or modification.

NOW, THEREFORE, the Surety Insurer hereby, unconditionally and irrevocably, guarantees and affirms as follows:

1. The Surety Bond shall not be affected by any change in the constitution or winding up of the Contractor or the Surety Insurer or any absorption, merger or amalgamation of the Contractor or the Surely Insurer with any other person.

2. In order to give full effect to this Surety Bond, the Company shall be entitled to treat the Surety Insurer as the principal debtor.

3. The Surety Insurer declares that it has the power to issue this Surety Bond and discharge the obligations contemplated herein, the undersigned is duly authorised and has full power to execute this Surety Bond for and on behalf of the Surety Insurer.

4. Notwithstanding anything contained herein:

a) The Insurer's liability under this Insurance Surety Bond shall not exceed (currency in figures) . . . . . (currency in words only) . . . . .

b) This Insurance Surety Bond shall remain in force upto _____ and any extension(s) thereof; and

c) The Surety insurer shall be released and discharged from all liability under this Insurance Surety Bond unless a written claim or demand is issued to the insurer on or before the midnight of .....(indicate date of expiry of claim period which includes minimum **three months** from the expiry of this Insurance Surety Bond) and any extension(s) thereof. If a claim has been received by us within the said date, all the rights of Company under this Insurance Surety Bond shall be valid and shall not cease until we have satisfied that claim.

In witness whereof the insurer, through its authorized officer, has set its hand and stamp on this _____day of _____ 20__ at _____.

Witness: **Issuing Authority:**

....
(Signature) (Signature of the Authorised Signatory)

....
(Name) (Name)

....
(Designation & official address) (Designation with Insurer Stamp)

Authorised Vide
Power of Attorney No.....
Date.....

INSTRUCTIONS FOR FURNISHING "PERFORMANCE SECURITY DEPOSIT" BY "INSURANCE SURETY BOND"

a) The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI).

b) The Company shall be the Creditor, the Contractor shall be the Principal debtor and the Insurance company/Insurer shall be the Surety in respect of the Insurance Surety Bond to be issued by the Insurer.

c) The Insurance Surety Bond should be on Non-Judicial stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the state(s) where the Insurance Surety Bond is submitted or is to be acted upon or the rate prevailing in State where the Insurance Surety Bond is executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Contractor/ Insurer issuing the Insurance Surety Bond.

d) The expiry date and values should be arrived at in accordance with instructions provided in the “Introduction” of the Tender.

e) The Insurance Surety Bond by Contractors will be given from Insurer as specified in the Tender.

f) A letter from the issuing insurer of the requisite Insurance Surety Bond confirming that the said Insurance Surety Bond / all future communication relating to the Insurance Surety Bond shall be forwarded to the Purchaser at its address as mentioned at "ITB".

g) Contractor must indicate the full postal address of the Insurer along with the Insurer 's E-mail / Phone from where the Insurance Surety Bond has been issued.

h) Contractor must indicate Name, Address, Contact number and official Email ID of the Controlling Office of the Surety Issuing Branch or any web portal link, from whom / where the Surety Bond can be got confirmed by the Company.

Annexure-XX

DECLARATION THAT GST REGISTRATION OF BIDDER IS NOT NEGATIVE/BLACKLISTED

(To be typed on the official letter head of the bidder)

To,
CGM-CONTRACTS
OIL INDIA LIMITED
DULIAJAN - 786602

TENDER No: CDC2497P27

TENDER DESCRIPTION: "Construction of G+3 Main Office Building, G+1 Annex Building along with Boundary Wall at Security Department, FHQ, Duliajan"

Sub: Undertaking/Declaration regarding GST.

Ref: Tender No. **CDC2497P27**

a) We, _____ (Name of the bidder) solemnly affirm that we have an active GST registration number on the GST portal/ Govt. official website.

b) We also declare that in case of GST rating of the undersigned on the GST portal/Govt. official website is negative/black listed, then the bids may be rejected by OIL.

c) We also declare that in case GST rating is negative/blacklisted after award of work for supply of goods/services, then OIL shall not be obligated or liable to pay or reimburse GST to us and shall also be entitled to deduct/recover such GST along with all penalties/interest, if any, incurred by OIL.

Place: _____

Date: _____

_____

(Name & Signature of the authorised signatory of the bidder)

Annexure-XXI

Photograph of the Grantor

TO BE EXECUTED IN RS ..... NJSP

REVOCABLE SPECIAL POWER OF ATTORNEY

This **DEED OF REVOCABLE SPECIAL POWER OF ATTORNEY** is made on this _____ day of _____, _____.

KNOW ALL MEN BY THESE presents that I Sri _____, (PAN No. _____), S/O _____, by religion _____, by occupation business, resident of _____, being {sole proprietor of the Proprietorship Firm / Managing Partner of Partnership firm} M/s _____, Registered before the Sub Register, _____District, _____, being Deed No _____ Sl No _____dated _____, under the Indian Partnership Act 1932 (*strike out whichever is not applicable*) and having its principal place of business at _____, Assam, do hereby NOMINATE, CONSTITUTE AND APPOINT, Sri _____, (PAN No. _____), S/O _____ resident of _____, Assam to be true and lawful attorney for and on behalf of my/our firm M/s _____, to execute and perform and cause to be done, executed and performed any of the following ACTS, DEEDS, THINGS and MATTERS in connection with the day to day affairs on my/our behalf in respect of the Contract bearing no. _____ (hereinafter referred to as "Contract") for ..... (*description of the Contract*) awarded by OIL INDIA LIMITED (hereinafter referred to as OIL).

1. Site Supervision: To manage, supervise, and coordinate execution of works at site strictly in accordance with contract provisions, approved drawings & as per instructions of the Engineer-in-Charge

2. Materials, Tools & Equipment: To receive, deploy, safeguard, and account for materials, tools, plants, and equipment issued by the Company or arranged by the Contractor solely for execution of the works.

3. Measurements: To remain present during joint measurements and to sign Measurement Books only as “Contractor’s Authorized Site Representative”, subject to verification and final certification by the Company.

4. Labour Management: To supervise labour for execution of works, ensure timely wage payment & maintain labour-related records without certifying statutory compliance, which shall remain the Contractor’s responsibility.

5. Site Records & Reports: To submit routine execution-related documents including Daily Progress Reports, site instructions compliance reports, labour deployment statements, & safety and housekeeping records

6. Routine Correspondence: To sign and submit routine correspondence relating to execution methodology, site coordination, clarifications sought by site officials, excluding any correspondence involving contractual interpretation, claims, or disputes.

This Power Of Attorney shall be REVOCABLE and I do hereby agree to confirm and ratify all and every acts and things done by my said attorney within the scope and authority hereby conferred on him and all deeds or documents executed by our said Attorney in my name and on behalf and in the name of my firm M/s _____, under this Special Power of Attorney shall be binding on me/us as if the same were so done by me/us personally so long as it is not revoked by me/us.

The Attorney and me shall be jointly and severally liable for any loss, damage, delay, misrepresentation, negligence, misconduct, fraud, or statutory violation arising out of actions undertaken pursuant to this Power of Attorney.

This POWER OF ATTORNEY shall come to an end as soon as the Contract is completed and the Retention Money is released or on being revoked by the Executant(s). Further, this Power of Attorney shall not be construed as assignment or subcontracting of the Contract No. .....

In witness whereof the Executants hereto have signed this **Special Power of Attorney** on this _____ day of _____, _____ at _____, in presence of the witnesses.

Photograph of the Acceptor

Signature of Executant

"I accept

_____
(Specimen signature)

Name: _____, the Attorney of M/s _____."

Signature & Photograph of the Attorney is identified & attested

Witnesses

1.

2.

Signature of Executant

UNDERTAKING BY BIDDER IN RESPECT OF QUOTED PRICE AGAINST TENDER NO. CDC2497P27

I/We do hereby solemnly affirm and declare as under:

a) That I/we have gone through all the tender documents (i) Covering Letter (ii) BEC/BRC (iii) GCC (iv) SOQ (iv) SCC (v) SCPME (vi) SM (vii) IP and agree with all the terms and conditions provided there in.

b) That I/we hereby offer to execute the work described above at the price quoted in the "Total Bid Value" (under RFx Information > Basic Data > Total Bid Value) inclusive of all liabilities including statutory liabilities except PF & GST in accordance with the Contract Terms & Conditions, which I/ we have fully understood.

(Note: Uploading in the OIL's e-portal with digital signature will be construed that the same has been signed by the bidder's authorized signatory who has signed the bid).