

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
CDC5354P24	Construction of New Repeater Station (RS-19) for Duliajan - Digboi Pipeline at Kathalguri, Jorajan area, Assam. All civil engineering & Electrical works are to be done by contractor excluding supply of cement.	₹ 2,21,000.00	NIL
Bid Closing / Opening Date & Time for the above work : 01.02.2024 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 <u>at least seven (7) days prior to the scheduled bid closing date and time of the tender</u> . 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.			

Date: 11.01.2024

Sr. Officer-Contracts (C)
For CE-Contracts (C) (SH)
For CGM-Contracts (HOD)
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 New Repeater Station (RS-19) for Duliajan - Digboi Pipeline at Kathalguri, Jorajan area, Assam. All civil engineering & Electrical works are to be done by contractor excluding supply of cement.

INTERNAL ESTIMATED COST: ₹ **4,40,89,356.11**

LOCATION OF WORK: **Kathalguri, Jorajan Area**

PERIOD OF WORK COMPLETION: **60 Weeks (Inclusive of Sundays & Holidays)**

BID CLOSING/ OPENING DATE & TIME: **01.02.2024 (11:00 HRS/ 14:00 HRS)**

BID SECURITY DEPOSIT: ₹ 2,21,000.00 (Two Lakh Twenty One 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 **18.01.2024**. Company will not be liable to respond to any such clarifications/queries for delay beyond **18.01.2024**.

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 days (One Hundred Thirty Five) from the original date of bid closing.

- b. Alternately Bid Security can also be paid through NEFT / RTGS / 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	Axis Bank Limited	8	IDFC First Bank
2	Bank of Baroda	9	Indian Bank
3	Canara Bank	10	Indian Overseas Bank
4	Federal Bank	11	IndusInd Bank
5	HDFC Bank Limited	12	State Bank of India
6	ICICI Bank Limited	13	South Indian Bank
7	IDBI Bank	14	Yes Bank
Other Banks to be notified from time to time by NeSL			

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

- 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 14 (fourteen) 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 / 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	Axis Bank Limited	8	IDFC First Bank
2	Bank of Baroda	9	Indian Bank
3	Canara Bank	10	Indian Overseas Bank
4	Federal Bank	11	IndusInd Bank
5	HDFC Bank Limited	12	State Bank of India
6	ICICI Bank Limited	13	South Indian Bank
7	IDBI Bank	14	Yes Bank
Other Banks to be notified from time to time by NeSL			

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. 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 dated 6th Jan 2017 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 two weeks 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 6 (six) months from the date of completion certified by the concerned department.

21.0 Bidders have to submit a declaration as per the format prescribed in **Annexure-XI & XII** regarding Financial Standing and not under Holiday List/ Delisted/ Blacklisted/Debarred in OIL respectively along with the technical bid.

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

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

24.0 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.

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

26.0 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 dated 6th Jan 2017 available at OIL's website: www.oil-india.com.

27.0 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 dated 6th Jan 2017 available at OIL's website.

28.0 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 dated 6th Jan 2017 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.**

29.0 ERRING / DEFAULTING AGENCIES: Erring and defaulting agencies like bidder, contractor, supplier, vendor, service provider will be dealt as per OIL's Banning Policy dated 6th January, 2017 available in OIL's website: www.oil-india.com.

30.0 Any agency which is put under banning/ suspension/ holiday list as per OIL's Banning Policy dated 6th January, 2017 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.

31.0 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):

32.0 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

33.0 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.

34.0 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.

35.0 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.

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

33.2 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 Ram Phal Pawar, IPS (Retd.), Former Director, NCRB, MHA, e-Mail ID: rpawar61@hotmail.com & ramphal.pawar@ips.gov.in, Shri Ajit Mohan Sharan, IAS (Retd.), Former Secretary, Ministry of Ayush, Govt. of India, e-mail: ams057@gmail.com and Dr. Tejendra Mohan Bhasin, Former Vigilance Commissioner, CVC, e-mail ID: tmhasin@gmail.com have been appointed as Independent External Monitors.

36.0 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”

Create RFx Response

Submit | Read Only | Print Preview | Check Technical RFx Response | Close

RFx Response Number 60038748 RFx Number 1396 Status In Proce
 RFx Owner BHARALI Total Value 0.00 INR RFx Response Version Nu

RFx Information | Items | Notes and Attachments | Conditions

Basic Data | Questions | Technical Attachments

Event Parameters

Currency: Indian Rupee

Detailed Price Information: No Price

Terms of Payment:

Total Bid Value:

“Total Bid Value” considering all liabilities, taxes & duties except PF & GST

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”

RFX Response Number 60037504 RFX Number TESTARUP Status In Process Submission Deadline 15.04.2017 11:00:00 INDIA Opening Date 15.04.2099 00:00:00 INDIA

RFX Response Version Number Active Version RFX Version Number 1

Basic Data Questions **Technical Attachments**

Notes

Category	Description
Conditions of Participation	-Empty-
Bid Invitation/Auction Text	-Empty-
Bidder's Remarks	-Empty-
Purchaser's Remarks	-Empty-

Attachments

cFolder Attachments

Add Attachment Delete Verify Signature

cFolder Name	Category	Description	File Name	Version	Processor	Checked Out	Type	Size (KB)	Changed by	Changed on
The table does not contain any data										

C. Uploading of UNDERTAKING IN RESPECT OF QUOTED PRICE :

RFX Response - Internet Explorer

RFX and Auctions

Edit RFX Response:

Submit Read Only Print Preview Check Technical RFX Response Close Save Delete Verify Signature Sign Response Refresh Smartform System Information Create Memory Snapshot

RFX Response Number 60032949 RFX Number SDI069P17 Status Saved Submission Deadline 28.02.2017 11:00:00 INDIA Opening Date 28.02.2019 11:00:00 INDIA Remaining Time 4 Days 01:50:00

RFX Owner BHARALI Total Value 0.00 INR RFX Response Version Number Active Version RFX Version Number 2

RFX Information Items **Notes and Attachments** Conditions Summary Tracking

Notes

Assigned To	Category	Text Preview
The table does not contain any data		

Attachments

Sign Attachment Add Attachment Edit Description Delete Create Qualification Profile

Assigned To	Category	Description	File Name	Version	Processor	Checked Out	Type	Size (KB)	Changed by	Changed on
The table does not contain any data										

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

RFX Response - Internet Explorer

RFX and Auctions

Edit RFX Response:

Submit Read Only Print Preview Check Technical RFX Response Close **Save** Update Verify Signature Sign Response Refresh Smartform System Information Create Memory Snapshot

RFX Response Number 60032949 RFX Number SDI069P17 Status Saved Submission Deadline 28.02.2017 11:00:00 INDIA Opening Date 28.02.2019 11:00:00 INDIA Remaining Time 4 Days 01:19:48

RFX Owner BHARALI Total Value 0.00 INR RFX Response Version Number Active Version RFX Version Number 2

RFX Information Items Notes and Attachments Conditions Summary Tracking

Notes

Assigned To	Category	Text Preview
The table does not contain any data		

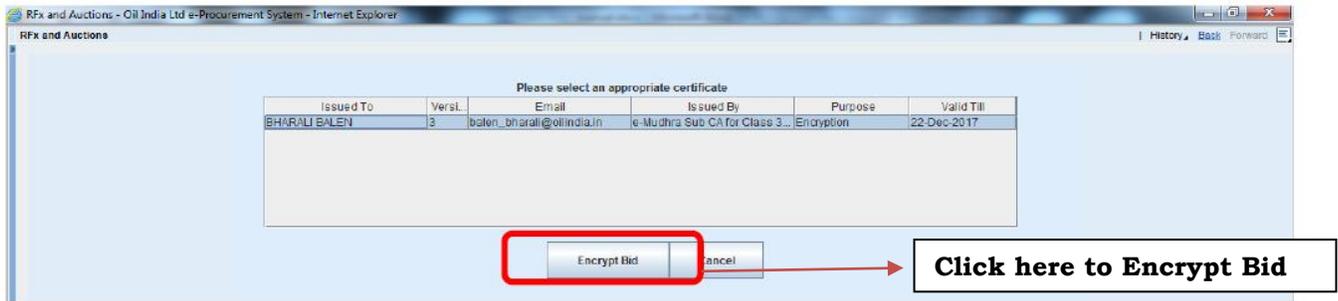
Attachments

Sign Attachment Add Attachment Edit Description Delete Create Qualification Profile

Assigned To	Category	Description	File Name	Version	Processor	Checked Out	Type	Size (KB)	Changed by	Changed on
Document Header	Standard Attachment	PRIFE BID	PRIFE_BID.xls.sig	1		<input type="checkbox"/>	sig	10	V210445	24.02.2017

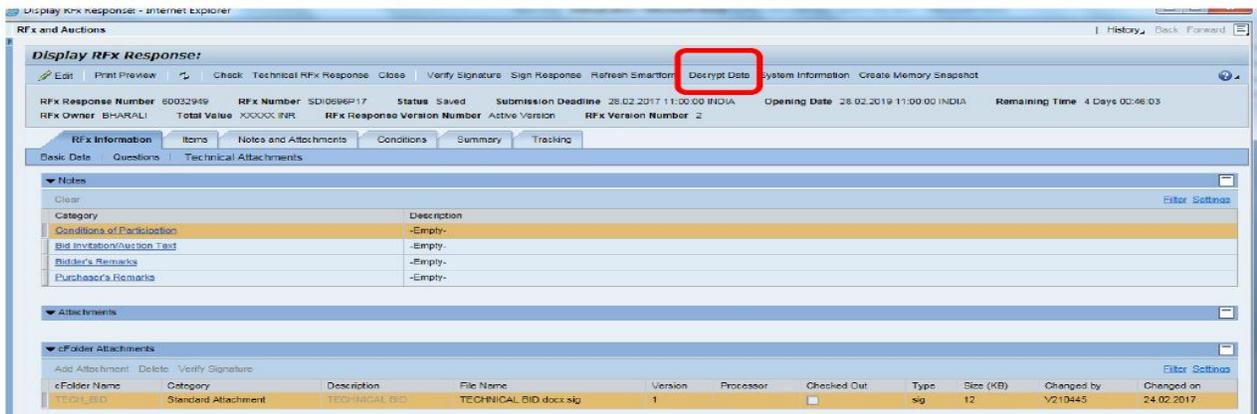
Once Saved ,the Data will be Encrypted & the Encryption Certificate will be in use.

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

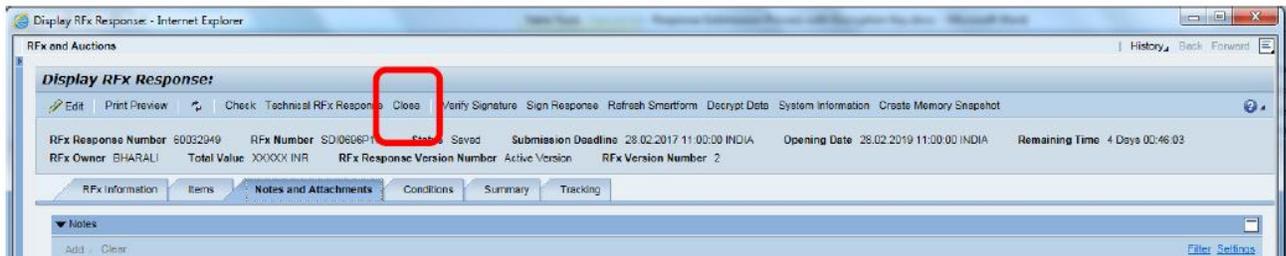


The Encrypted Data will be displayed only when click 'Decrypt data'

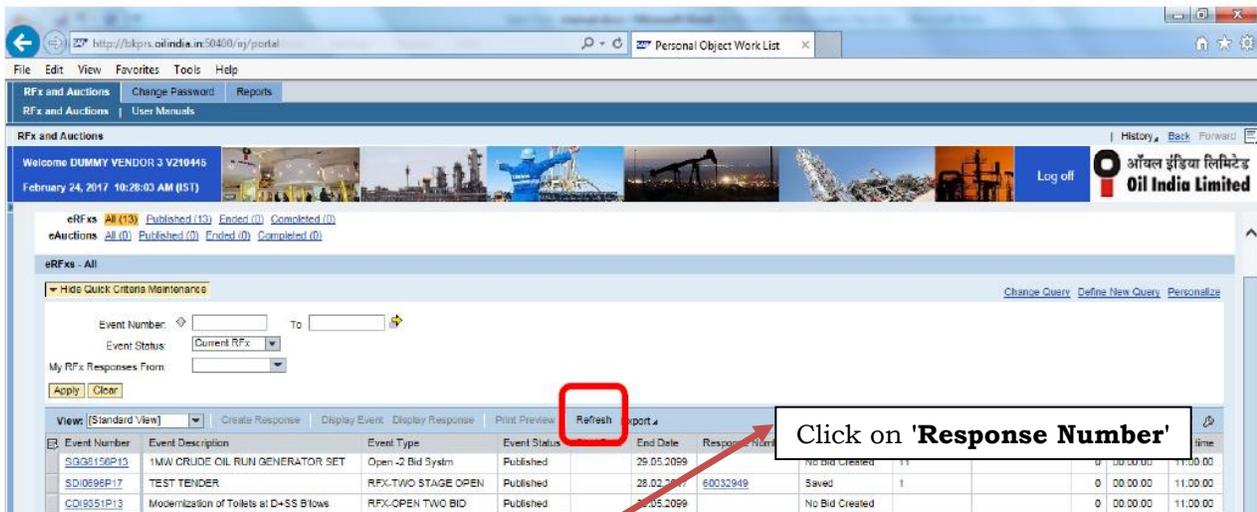
F. The Encrypted Data will be displayed only when click 'Decrypt data'



G. Click on 'Close'



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

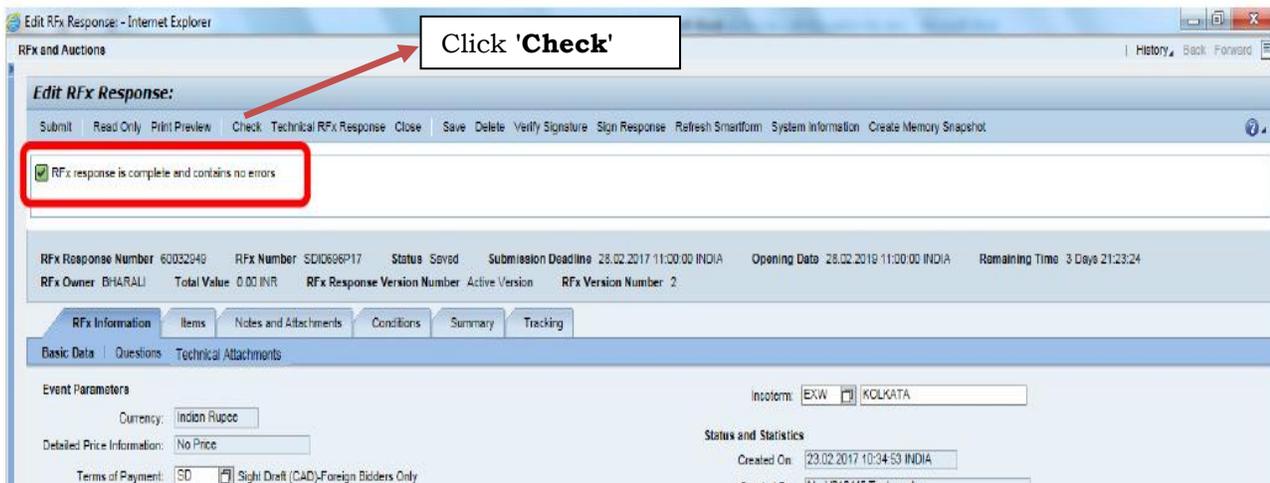


Now Uploading part is complete. Bidders are requested to go to the Initial screen. It is always better to come to the first screen and refresh the page and then going in into the response for the submission process.

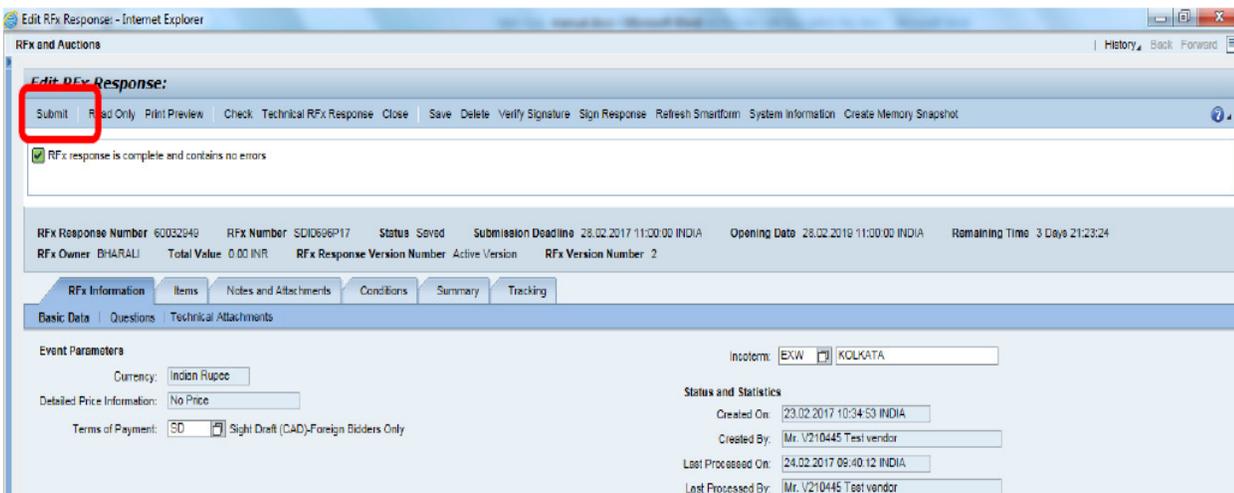
- I. On 'Edit' mode Click to select the same Encryption certificate used for De-cryption else data will not Decrypt.



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

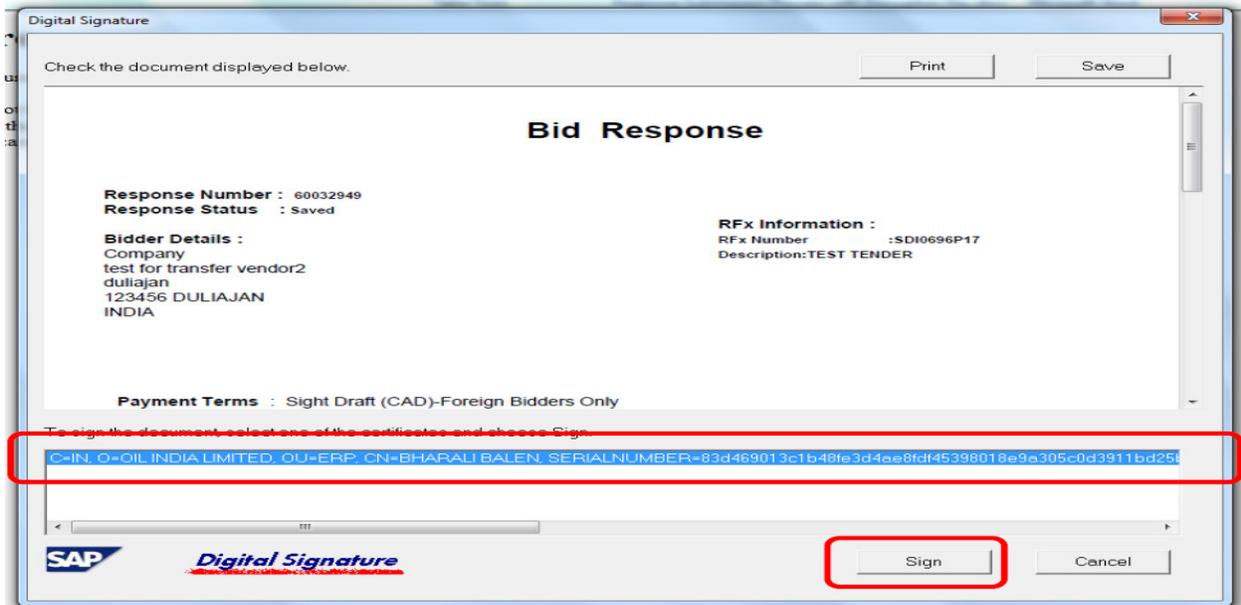


- K. Click on '**Submit**' button

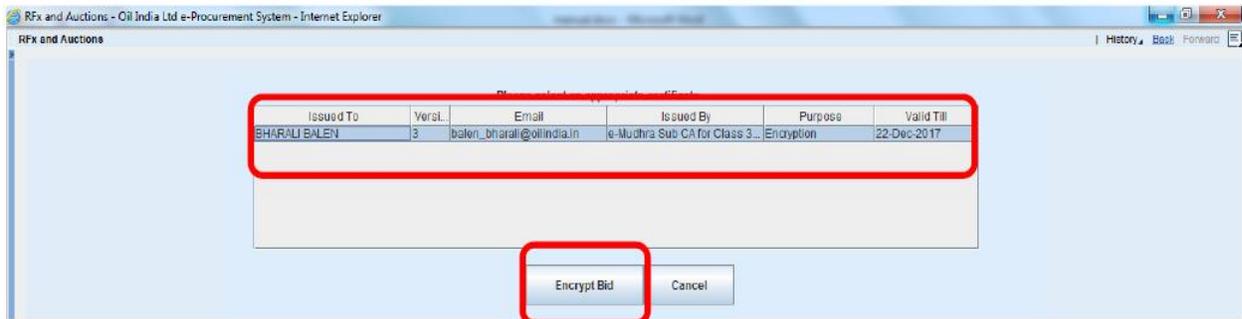


Before submit, Please do check all the documents uploaded and on-line data maintained are correct.

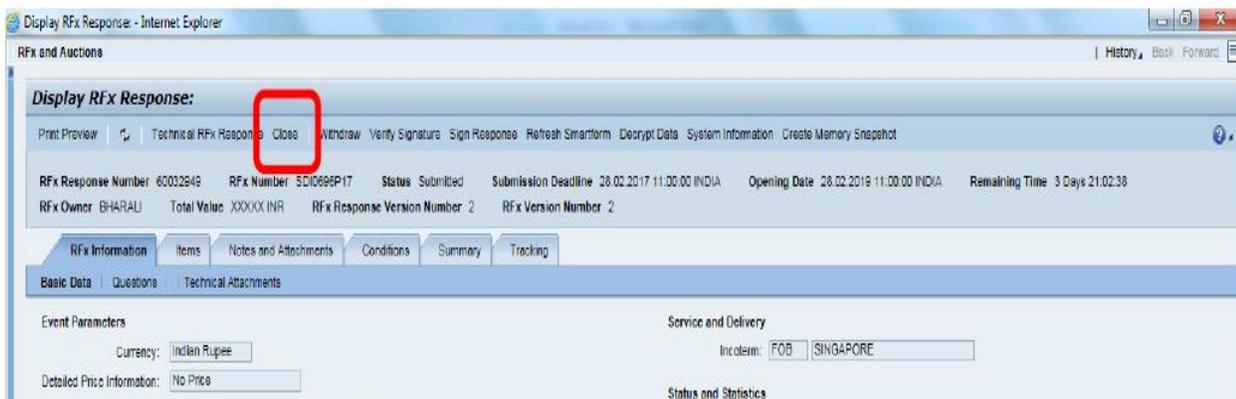
L. After Clicking '**Submit**' below pop up will open. Select Digital Signature & **Sign**.



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'**

The screenshot shows the Oil India Limited e-tender portal. The page displays a list of events with columns for Event Number, Event Description, Event Type, Event Status, Start Date, End Date, Response Number, Response Status, Event Version, Response Version, C&A, Start Time, and End time. The event SDI0986P17, titled 'TEST TENDER', has a 'Submitted' response status, which is highlighted with a red box. A red arrow points to the 'Refresh' button in the table's toolbar, with a callout box saying 'Click 'Refresh''.

Event Number	Event Description	Event Type	Event Status	Start Date	End Date	Response Number	Response Status	Event Version	Response Version	C&A	Start Time	End time
SGQ8156P13	1MW CRUDE OIL RUN GENERATOR SET	Open-2 Bid System	Published		29.05.2017		No Bid Created	11		0	00:00:00	11:00:00
SDI0986P17	TEST TENDER	RFX-TWO STAGE OPEN	Published		28.02.2017	60032949	Submitted	1	2	0	00:00:00	11:00:00
CDI9351P13	Modernization of Toilets at O+SS Blows	RFX-OPEN TWO BID	Published		23.05.2017		No Bid Created			0	00:00:00	11:00:00
CDI9350P13	Modernization of Toilet TD + Blows	RFX-OPEN TWO BID	Published		23.05.2017		No Bid Created			0	00:00:00	11:00:00
CDI9677P13	Construction of drilling LOC-MSC at Jinal area	Open-2 Bid System	Published		25.06.2017		No Bid Created			0	00:00:00	11:00:00

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

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

CE-CONTRACTS (CIVIL) (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. Notwithstanding 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= ₹ **3,52,72,000.00**

OR

Two similar works of value= ₹ **2,20,45,000.00** each

OR

Three similar works of value= ₹ **1,76,36,000.00** 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) 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 Pre-Engineered Building (PEB)

Note: Successful completion of aforesaid work where in the scope of contract involves procurement of all materials, including fabrication, transportation, erection of Pre-Engineered Building (PEB).

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 **₹ 1,91,06,000.00**.
- 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) i) 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**.
 - ii) In case of non-submission of the Undertaking within the bid closing date and time, bid shall be rejected straightway and no further claim shall be entertained after the bid closing date.
- d) For proof of Annual Turnover & Net worth any one of the following documents 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) Audited Balance Sheet along with Profit & Loss account.
- 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, tax audit reports etc. without mentioning of UDIN shall not be considered for evaluation and shall be summarily rejected. No further clarification or request from bidders shall be entertained thereafter in this regard.
- 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 Electrical Licensing board, Govt. of Assam or shall form a consortium / tie-up / collaboration with an Electrical contractor, having required technical credentials as described in Para (b) below and holding valid Electrical Contractor's License issued by Electrical Licensing board, Govt. of Assam for executing the jobs. In support of the above the bidder shall submit a copy of either of the above Electrical Contractor's License.

OR

Bidder or their collaborators / consortium partner having valid Electrical Contractors' License issued by any State Government Electrical Licensing Board of India other than that of Assam must submit a copy of valid Electrical Contractors' License in support of above along with an undertaking stating that on award of contract to them they will submit either a valid Electrical Contractors' License issued by Electrical Licensing Board, Government of Assam in their name or get their Electrical Contractors' License recognized / endorsed by Electrical Licensing Board, Government of Assam for executing the job at Assam within 30 days from date of award of the contract and the same will be subsequently renewed till the completion of the contract.

- b) The bidder or their collaborators / consortium partner 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 / consortium partner 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 in Office/ Residential Building along with their bid.
- c) In case of collaboration / consortium / tie-up with any Electrical firm as mentioned above, the bidder must furnish a copy of MoU entered into with the collaborator / consortium partner 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) **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.
- b) Bidder should note that deficit documents will not be sought from the bidders. The bids will be evaluated as per the documents received from the bidders at the time of bid opening. Any bid, which is not supported with the requisite documents as per the NIT, will be rejected straightway without seeking any further clarification and deficit document.

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 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 dated 6th January 2017, 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 New Repeater Station (RS-19) for Duliajan-Digboi Pipeline at Kathalguri, Jorajan area, Assam. All civil engineering & Electrical works are to be done by contractor excluding supply of cement.

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. 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. 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 under Assam Minor Mineral Concession Rules, 2013 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. 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 contractor'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. 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. 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. 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. 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. The Contractor must complete the work within **60 weeks (Inclusive of Sundays & Holidays)** 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. 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. 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. 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. Wages shall be paid by the Contractor to the workmen directly without any intervention of any Jamadars or Thekadars 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. 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. 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. 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. 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. The Contractor shall deploy local persons in all works.

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

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

20. SPECIAL CONDITIONS:

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 contractor 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 17.92 %.

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. SPECIAL INSTRUCTION

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

22. 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. SETTLEMENT OF DISPUTES:

23.1 Arbitration (Applicable for Suppliers/CONTRACTORS other than PSU and MSME):

1. 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, the same shall be referred to Arbitration as provided hereunder:
2. A party wishing to commence arbitration proceeding shall invoke 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.

3. It is agreed and undertaken by the Parties that irrespective of country of origin of the CONTRACTOR, the arbitration proceedings shall be governed by the Arbitration and Conciliation Act, 1996 and under no circumstances, the proceedings shall be construed as International Arbitration.

4. The number of arbitrators and the appointing authority will be as under:

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.25 Crore	Sole Arbitrator	OIL
Above Rs.25 Crore	3 Arbitrators	One Arbitrator by each party and the 3 rd Arbitrator, who shall be the presiding Arbitrator, by the two Arbitrators.

5. 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.

6. 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.

7. 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.

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

9. 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.

10. 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/stay arrangements of the Presiding Arbitrator and the expenses incurred shall be shared equally by the parties.

In case of sole arbitrator, both parties shall equally share all expenditures that may be required to be incurred.

11. 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.

12. The Place/Seat of Arbitration shall be Guwahati or the place where the contract is executed. The venue of the arbitration shall be decided by the Arbitrator(s) in discussion with the parties. The cost of arbitration sittings shall be equally borne by the parties.

13. The Arbitrator(s) shall give reasoned and speaking award and it shall be final and binding on the parties.

14. Subject to aforesaid, provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment thereof shall apply to the arbitration proceedings under this clause.

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

- a) In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract (s) between Central Public Sector Enterprises (CPSEs) and also between CPSEs and Government Departments/Organizations (excluding disputes -concerning Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in OPE OM No. 4(1)/2013-DPE(GM)/FTS-1835 dated 22-05-2018.
- 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.

23.3 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.

23.4 Resolution of disputes through conciliation by OEC

(Not Applicable in cases where value of dispute is less than Rs. 25 Lakh and more than 2 Crore)

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, Company at its discretion, on its own or on the request of the CONTRACTOR, may refer the dispute to Outside Expert Committee ("OEC") to be constituted by Corporate Business Committee (CBC), OIL as provided hereunder:

- a) The party desirous of resorting to conciliation shall send a notice of 30 (thirty) days to the other party of its intention of referring the dispute for resolution through OEC. The notice invoking conciliation shall specify all the points of disputes with details of the amount claimed to be referred to OEC and the party concerned shall not raise any new issue thereafter.
- b) OIL shall nominate three outside experts, one each from Financial/commercial, Technical and Legal fields from the Panel of Outside Experts maintained by OIL who shall together be referred to as OEC (Outside Experts Committee).
- c) Parties shall not claim any interest on claims/counterclaims from the date of notice invoking conciliation till execution of settlement agreement, if so arrived at. In case, parties are unable to reach a settlement, no interest shall be claimed by either party for the period from the date of notice invoking conciliation till the date of OEC recommendations in any further proceeding.
- d) The Proceedings of the OEC shall be broadly governed by Part III of the Arbitration and Conciliation Act, 1996 including any modifications thereof. Notwithstanding above, the proceedings shall be summary in nature and Parties agree to rely only upon documentary evidence in support of their claims and not to bring any oral evidence in the OEC proceedings.
- e) OEC shall hear both the parties and recommend possible terms of settlement between the parties. The recommendations of OEC shall be non-binding and the parties may decide to accept or not to accept the same. Parties shall be at liberty to accept the OEC recommendation with any modification they may deem fit.

- f) Where recommendations are acceptable to both the parties, a settlement agreement will be drawn up in terms of the OEC recommendations or with such modifications as may be agreed upon by the parties. The settlement agreement shall be signed by both the parties and authenticated by all the OEC members either in person or through circulation. This settlement agreement shall have the same legal status and effect as that of an arbitration award on agreed terms on the substance of the dispute rendered by an arbitral tribunal under Section 30 of the Arbitration and Conciliation Act, 1996.
- g) OIL will share all other guidelines regarding reconciliation through OEC with the CONTRACTOR when it resorts to settlement through OEC. Both parties agree to adhere to these guidelines.
- h) All the expenditure incurred in the OEC proceedings shall be shared by the parties in equal proportion. The parties shall maintain account of expenditure and present to the other for the purpose of sharing on conclusion of the OEC proceedings.
- i) The OEC proceedings must be completed within a period of 3(three) months from the date of constitution of the OEC with a provision of extension of one months, subject to mutual agreement. The Place of OEC shall be either at New Delhi or Guwahati.
- j) If the parties are not able to resolve the dispute through OEC or do not opt for conciliation through OEC, the party may invoke arbitration clause as provided in the contract.
- k) The parties shall be represented by their in-house employees/executives. No party shall bring any advocate or outside consultant/advisor/agent. Ex-officers of OIL who have handled the matter in any capacity directly or indirectly shall not be allowed to attend and present the case before OEC on behalf of Contractor. However, ex- employees of parties may represent their respective organizations.
- l) Solicitation or any attempt to bring influence of any kind on either OEC Members or OIL is completely prohibited in conciliation proceedings and OIL reserves the absolute right to close the conciliation proceedings at its sole discretion if it apprehends any kind of such attempt made by the Contractor or its representatives.

23.5 Exclusions

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

- i) 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.
- ii) 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.
- iii) 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.
- iv) Any claim which is less than Rs. 25 Lakh.

24. 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.

25. 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.

26. 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.

27. 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)."

28. 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, 2017 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.

29. ERRING / DEFAULTING AGENCIES: Erring and defaulting agencies like bidder, contractor, supplier, vendor, service provider will be dealt as per OIL's Banning Policy dated 6th January, 2017 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.

30. 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).

- 31. 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				
	SECTION A				
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. All kinds of soil	M3	2702.57	152.59	412385.16
2	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 m and lift upto 1.5 m.	M3	370.69	170.25	63109.97
3	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	M3	123.40	1111.90	137208.46
4	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	248.91	4472.64	1113284.82
5	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. All works upto plinth level-Concrete of M25 Grade with minimum cement content of 330 kg /cum	M3	432.29	5293.02	2288119.62
6	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. All works above plinth level upto floor V level. Concrete of M25 grade with minimum cement content of 330kg /cum	M3	85.65	6473.80	554480.97

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
7	Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready mixed concrete shall be laid and finished with screed board vibrator, vacuum dewatering process and finally finished by floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-in charge. (The panel shuttering work shall be paid for separately).	M3	26.72	5536.29	147929.67
8	Centering and shuttering including strutting, propping etc. and removal of form for -Foundations, footings, bases of columns, etc. for mass concrete.	M2	569.11	235.80	134196.14
9	Centering and shuttering including strutting, propping etc. and removal of form for Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.	M2	796.16	491.75	391511.68
10	Centering and shuttering including strutting, propping etc. and removal of form for-Columns, Pillars, Piers, Abutments, Posts and Struts	M2	298.42	597.27	178237.31
11	Centering and shuttering including strutting, propping etc. and removal of form for-Lintels, beams, plinth beams, girders, bressumers and cantilevers	M2	1016.02	452.28	459525.53
12	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform	M2	262.07	561.99	147280.72
13	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	62922.35	75.05	4722322.37
14	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	178.62	7787.45	1390994.32
15	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources: 4 graded stone aggregate 12.5mm nominal size derived from natural sources)	M2	30.19	236.53	7140.84
16	Brick work 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 in all shapes and sizes in Cement mortar 1:4 (1 cement : 4 coarse sand)	M3	41.58	8874.24	368990.90
17	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	KG	5598.84	61.19	342593.02
18	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	M2	283.80	567.43	161036.63
19	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both	M	41.50	371.88	15433.02

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : Ridges plain (500 -600mm)				
20	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : Flashings/ Aprons.(Upto 600 mm)	M	92.00	348.71	32081.32
21	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete: Gutter (600 mm overall girth)	M	73.20	899.30	65828.76
22	Providing and fixing on wall face unplasticised 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	199.00	257.53	51248.47
23	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.	M2	914.60	212.65	194489.69
24	Chequered precast cement concrete tiles 22 mm thick in footpath &courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on20mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand)-Lightshade pigment using white cement	M2	85.45	900.24	76925.51
25	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6graded stone aggregate 20 mm nominal size) as per standard design :With 20x20 mm square bar	PC	74.00	346.16	25615.84
26	Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement. 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	M2	5405.67	246.34	1331632.75
27	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	M2	1136.53	160.67	182606.28
28	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm.	M2	1136.53	122.37	139077.18
29	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality-Circular shape 500 mm internal diameter	NO	2.00	858.20	1716.40
30	Providing & fixing soil, waste and vent	M	6.15	908.96	5590.10

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
31	Providing, fitting and fixing TATA Pravesh or equivalent door with 1.2 mm GPSP frame sheet thickness and 0.8 mm GPSP Shutter sheet thickness of pure Galvanised Steel, with high quality branded accessories like SS Ball Bearing, Butt Hingess102x76x3 mm, SS tower Bolt-200 mm SS Finish, Lever type Door stoper(APACE), Lever handle with Lock complete and as directed.-DG Set Building	M2	19.43	13318.73	258782.92
32	Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Casement cum fixed panel window having both end single casement panel, middle fixed panels and at top completely fixed ventilator with S.S friction hinges (350 x 19 x 1.9) made of (big series) frame 67 x 60 mm, sash 67 x 80 mm & mullion 67 x 80 mm all having wall thickness of 2.3 ± 0.2 mm and single glazing bead/double glazing bead of appropriate dimension. (Area of window above 3.00 sqm upto 5.00 sqm). DG Set Building.	M2	9.60	7062.86	67803.46
33	Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Casement window double panels with S.S. friction hinges (300 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window above 0.75sqm upto 1.50 sqm)	M2	12.60	8364.74	105395.72
34	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	M2	13.32	1173.76	15634.48
35	Providing and fixing factory made uPVC white colour fixed glazed windows/Ventilators comprising of uPVC multi-chambered frame and mullion. Fixed window / ventilator made of (small series) frame 47 x 50 mm & mullion 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area upto 0.75 sqm.)-DG Set Building	M2	3.72	6293.84	23413.08
36	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-DG Set	KG	2712.01	114.13	309521.70

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	Building				
37	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding- DG Set Building	M2	160.80	3884.17	624574.54
38	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm 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., complete. Size of Tile 600x600 mm.-DG Set Building (Toilets)	M2	5.80	1073.97	6229.03
39	Providing and laying Vitrified tiles 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, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x600 mm. DG Set Building (Toilets)	M2	2.09	1341.57	2803.88
40	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete. DG Set Building (Toilets)	M2	126.35	780.14	98570.69
41	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 @ 0.80ltr/10 sqm of approved brand and manufacture- DG Set Building Railings	M2	60.00	104.01	6240.60
42	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 upto 75mm deep to required level and as per clause 401. (Road roller supplied by contractor).	M2	1416.50	109.80	155531.70
43	CONSTRUCTION OF 100MM (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 upto 75mm deep to required level and as per clause 401. (Road roller supplied by contractor).	M2	1416.50	95.81	135714.87
44	CONSTRUCTION OF WATER BOUND MACADAM base course 75 mm 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	2833.00	128.50	364040.50

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
45	Providing and laying 80 mm thk CC paver block-M30, 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 over 50mm 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 asper required size and pattern, finishing and sweeping extra sand complete all as per direction of Engineer-in- Charge excluding cost of sand (Cost of Sand 0.065 cum per sqm to be paid separately).	M2	1416.50	723.27	1024511.96
46	Spreading gravel, pea-gravel or brick bat over sunken road surface, including carrying from a distance of 30.00m.	M3	150.91	344.26	51952.28
47	Providing and laying at or near ground level factory made kerb stone ofM-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse\sand),including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	M3	13.18	7252.94	95593.75
48	Providing and applying 2.5 mm thick road marking strips (retro-reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete asper direction of Engineer-in-charge and accordance with applicable specifications.	M2	93.45	534.33	49933.14
49	Providing and fixing white vitreous china pedestal type water closet(European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets,40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid	EA	3.00	5643.79	16931.37
50	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar 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 550x400 mm with a pair of 15 mm C.P. brass pillar taps	EA	5.00	2556.41	12782.05
51	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-Rectangular shape 453x357 mm	EA	5.00	895.73	4478.65
52	Providing and fixing kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste complete, including painting the 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	4987.50	4987.50

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
53	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour. Waste coupling 38 mm dia of 83 mm length and 77mm breadth, weighing not less than 60 gms.	EA	6.00	95.23	571.38
54	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality& make and as per the direction of Engineer-in-charge.	EA	8.00	769.37	6154.96
55	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mmwith concealed fitting arrangements, weighing not less than 106 gms.	NO	10.00	84.00	840.00
56	Providing and fixing toilet paper holder :CP Brass	EA	3.00	218.10	654.30
57	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170 gms	EA	5.00	526.69	2633.45
58	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	NO	6.00	620.75	3724.50
59	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.15 mm nominal bore	NO	14.00	516.32	7228.48
60	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in- charge.	NO	3.00	259.88	779.64
61	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe. 40 mm dia	EA	1.00	90.59	90.59
62	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain& brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m 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. 20 mm nominal dia Pipes	M	30.00	385.69	11570.70
63	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain& brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m 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. 25 mm nominal dia Pipes	M	18.00	483.19	8697.42
64	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	150.00	224.47	33670.50
65	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	M	90.00	280.38	25234.20

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External Work. 32 mm nominal dia Pipes				
66	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.	L	2000.00	8.41	16820.00
67	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 25 mm nominal bore	NO	15.00	346.53	5197.95
68	Supply, Installation and Erection of Pre Engineered Building (PEB)/ Pre Fabricated Building made of High Tensile/ High Grade (E 350 & E 250)Steel Sections such as Built up/ Welded/ RHS/ SHS (Fy=310 Mpa)/Galvanised Z/C Purlins (340 Mpa/120-150 Gsm), all fabricated/manufactured under controlled environment in factory of reputed brands/make, using submerged Arc Welding duly shot blasted SA2.5 and one coat of inorganic Zinc Chromate Primer and finished with two coats of Epoxy paint and Galvanised Z/C Purlins (wherever applicable)as per approved drawing, design and instructions of EIC with all connections bolts, plates, screws, nuts etc. complete.	KG	30366.60	288.00	8745580.80
69	Supply and Fixing of 50 mm Ceiling Panel, 60 mm Wall Panel, 40-74 mm Roof Panel in the Prefabricated/ Pre Engineered Buildings (wherever applicable) as per approved Drawing, Design and under instruction of EIC: Continuous line Mineral wool /Rockwool insulated Panel with 0.5 mm TCT PPGI sheet both side,120gsm with RMP coating. The stone wool insulation used for manufacturing insulated panels shall be non-combustible grade of density 100 Kg/m3 with permissible tolerance as per IS 8183 and core shall be certified by EUCEB/ Statutory Agencies as non-carcinogenic, bio-soluble. The insulation material should be completely non-combustible having Class A1 as per EN 13501-1, shall have melting point of more than 1000°C as per ASTM E794; approved by fire test standards UL 723 and ASTM E84, the SDI and FSI values should be 0 as per the UL 723 testing. The Stone wool slab shall be cut into Lamella, rotated & uniformly glued through online oscillation process using PU based glue of reputed make and ensure high adhesive uniformity & proper bonding with sheet. Panel shall be joined together using tongue & groove joiner. The top and bottom sheet shall be micro ribbed PPGI 40 Mpa, 120GSM with guard film. 5-6 microns epoxy primer both sides and polyester top coat 20-25 microns make Jin roc or equivalent.	M2	201.60	7650.00	1542240.00
70	Soil/Waste/Rain (SWR) Pipe - 50 mm Dia Type B (Solvent Joint)	M	20.00	100.00	2000.00
71	Soil/Waste/Rain (SWR) Pipe - 75 mm Dia Type B (Solvent Joint)	M	20.00	80.80	1616.00
72	Soil/Waste/Rain (SWR) Pipe - 110 mm Dia Type B (Solvent Joint)	M	50.00	190.61	9530.50
73	CPVC Fittings (Elbow, Union, Tee, Socket	NO	200.00	68.00	13600.00
74	CPVC Ball Valves 20/25/32/40 (mm) dia	NO	30.00	509.60	15288.00
75	SWR Pipes fittings (Bend, Socket, Elbow,	NO	200.00	91.55	18310.00
76	Fixing soil, waste and vent pipes: 100mm dia. Sand cast iron S&S pipe as per IS: 1729.	M	50.00	74.11	3705.50
77	Fixing soil, waste and vent pipes: 75mm diameter: Sand cast iron S&S pipe as per IS: 1729.	M	20.00	62.94	1258.80

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
78	Providing, mixing, laying Grouting with Non Shrink, High Strength Cement Grout on the Foundation Pedestals for all the Steel Structures. The substrate to be treated must be dry, free from laitance.	M3	0.39	85000.00	33150.00
79	Supplying and fixing Heavy Duty Industrial use Motorised Rolling Shutter of approved make and made of required size Galvanised Iron (GI)slats (1.1-1.2 mm thick, 75-100 mm effective width), interlocked together through their entire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides , bottom bar and arrangements for inside and outside locking with push-pull operation complete including cost of wire, spring and hood cover for the shutters. The shutter must be operable by both Chain Drive(mechanical) and Motor Drive (electrical) facilities. The Industrial electric Motor for Rolling Shutter Operation is of capacity 500 Kg and1100 power wattage, running in 220 V AC. The entire job/ Parts/Equipment etc. before execution shall approved by concerned Engineers in charge of OIL and to be carried out under his/her direction/supervision.	M2	12.00	12423.21	149078.52
80	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level. All types of soil. 400 mm dia	M	60.00	666.31	39978.60
81	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. 150 mm dia	M	50.00	590.20	29510.00
82	Supplying, filling, spreading & leveling stone boulders of size range 5cm to 20 cm, in recharge pit, in the required thickness, for all leads &lifts, all complete as per direction of Engineer-in-charge.	M3	4.15	1825.21	7574.62
83	Supplying, filling, spreading & leveling gravels of size range 5 mm to10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	M3	15.46	2397.04	37058.24
84	Cleaning of exposed concrete surface of sticking material including loose and foreign material by sand blasting with coarse sand followed by and including cleaning with oil free air blast as per direction of Engineer in charge.-Roof of DG Set Building	M2	726.00	213.48	154986.48
85	COVING (Roof Treatment): Coving (50mm X 50cm) of horizontal joints with cement mortar in the ratio 1:3 admixed with waterproofing cum bonding agent like SBR Latex with excellent bridging characteristics. Roof of DG Set Building	RM	100.00	140.00	14000.00
86	Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineer-in-Charge.(The payment shall be made on the basis of actual weight of approved grout injected.).Stirrer mixed Acrylic Polymer of approved make @ 2% of weight of cement used) modified Cement slurry made with non shrink compound in	KG	300.00	95.63	28689.00

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	concrete/RCC work. - DG Set Building/Wax Pit/ OWS Pit				
87	Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineer-in-Charge.(The payment shall be made on the basis of actual weight of approved grout injected.) Epoxy injection grout in concrete/RCC work of approved make. DG Set Building/OWS Pit/Wax Pit	KG	100.00	684.11	68411.00
88	Providing and placing in position hand pump of approved quality for 40mm diameter G.I. pipe complete with all accessories.	NO	6.00	995.33	5971.98
89	Boring with 100 mm diameter casing pipe for hand pump / tube well, in all soils except ordinary hard rocks requiring blasting, including removing the casing pipe after the hand pump / tube well is lowered and tested : Beyond 12 m and up to 18 m depth	M	200.00	1054.17	210834.00
90	Providing and placing in position filters of 40 mm diameter G.I. pipe with brass strainer of approved quality.	M	60.00	686.03	41161.80
91	Water Proofing: Supply and application of two coats fibre reinforced acrylic based cementitious waterproofing compound like with excellent UV resistant characteristics and resistant to algae or fungus growth. The layer will have inbuilt colour pigment for aesthetic appearance and has a good crack bridging property up to 1 mm.-Roof of DG Set Building	M2	400.00	570.00	228000.00
92	Application of HDPE self adhesive or welded membrane 2mm system for Basement Water proofing i) for horizontal surfaces (Wax Pit & OWS)	M2	60.00	770.00	46200.00
93	Application of HDPE Self Adhesive membrane 2mmsystem for Basement Water proofing ii) for vertical surfaces and retaining walls. (Wax Pit & OWS)	M2	80.00	650.00	52000.00
94	Protective Coating: Supply and application of two coats of epoxy coal tar based, amine adduct based high build coating with excellent chemical resistance characteristics to oil and acids. (Wax Pit & OWS)	M2	300.00	850.00	255000.00
95	COVING (Floor Coating): Coving (50cm *50cm) of horizontal joints with quartz sand mixed with epoxy resin.	RM	60.00	600.00	36000.00
96	CONDUCTIVE FLOORING MAT FINISH: Supply and application of 3MMantistatic conductive flooring with antiskid mat finish. The application includes epoxy primer, followed by application of ESD underlay primer. After drying of epoxy underlay copper tape should be applied above the same as per required grid to connect to the earthing. Then finishing the same with antistatic epoxy self leveling Top coat to forma total thickness of 3mm.	M2	400.00	1850.00	740000.00
97	PU FLOORING MAT FINISH: Material supply and application charges for 3mm special anti skid mat finish PU flooring system, this includes surface preparation with 4 head planetary machine, followed by scarification both horizontal and Vertical. High Application of 1mmpolyurethanescratch coat and finally 2 mm high abrasion Resistance and impact resistance top coat	M2	150.00	2200.00	330000.00

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
98	"Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification -30 mm thick pre laminated PVC door shutters"	M2	5.33	2079.81	11085.39
99	Statutory Industrial Signage-Fabrication and Supplying of Industrial Signage- Back Lit Flat Type Totem Signage (10 Ft X 4 Ft) of reputed make -Cosign or equivalent	M2	3.72	59400.00	220968.00
100	Statutory Industrial Signage-Fabrication and Supplying of Industrial Signage- Back Lit Flat Type Totem Signage (6 Ft X 2 Ft) of reputed make -Cosign or equivalent	M2	5.55	59400.00	329670.00
101	Statutory Industrial Signage-Fabrication and Supplying of Industrial Signage- Outdoor Signage mounted on Octagonal Aluminium Pole (4 Ft X 6 Ft) of reputed make -Cosign or equivalent	M2	16.65	30200.00	502830.00
102	Statutory Industrial Signage-Supplying of Light Box (3 Ft X 2 Ft) of reputed make -Cosign or equivalent for indoor and outdoor applications in building units	NO	12.00	3200.00	38400.00
103	Statutory Industrial Signage-Supplying of Wall Mounted Indoor Signage -109 X 297 (mm) of reputed make -Cosign or equivalent for indoor applications in building units	NO	20.00	1920.00	38400.00
104	Statutory Industrial Signage-Supplying of Projected Indoor Signage- 105 X 210 (mm) of reputed make -Cosign or equivalent for indoor applications in building units	NO	6.00	1020.00	6120.00
105	Statutory Industrial Signage-Supplying of Suspended Indoor Signage- 210 X 600 (mm) of reputed make -Cosign or equivalent for indoor applications in building units	NO	8.00	6120.00	48960.00
106	Statutory Industrial Signage-Supplying of Illuminated Exit Signs of reputed make -Cosign or equivalent for indoor and outdoor applications	NO	4	3,500.00	14,000.00
107	Statutory Industrial Signage-Supplying of illuminated Route Markers (8 inch Circular) of reputed make Cosign or equivalent	NO	50	600	30,000.00
108	Statutory Industrial Signage-Installation, Erection and Transportation/Carriage (from factory to site) Charges of all the Industrial Signages as approved by EIC	LSM	1	1,40,000.00	1,40,000.00
109	Supply and erection of Monorail 5T Capacity complete with 5T Chain Pulley Block with Geared Traveling Trolley , Height of Lift- 4 Mtrs complete with Monorail Beam fabricated of 13 Mtrs length shed of size 13m (L) X 9 m	SET	2	3,65,600.00	7,31,200.00

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	(W). - Scrapper Shed & DG Set Building				
110	Forest Royalty	EA	850949.37	1.00	850949.37
	SECTION B				
1	Supply of approved quality granular materials from approved quarry, free from organic matter including stacking in measurable stacks as directed.	M3	354.13	1,373.68	4,86,461.30
2	Supply of Hand broken hard stone metal from river boulder fairly cubical in shape, free from dust/dirt disintegrated pieces, organic and other foreign matters(63mm to 45mm graded)	M3	424.95	2,251.13	9,56,617.69
3	Supply of Gravel (65mm graded down to 25mm), hard, clean and free from foreign materials	M3	150.91	1,649.68	2,48,953.21
4	Supply of Sand for general use with normal moisture content to be clean and free from clay rubbish	M3	92.07	976.81	89,934.90
	GROUP B				
	SECTION A				
1	Wiring for circuit/ submain wiring along with earth wire with the 2 x 1.5 sq. mm + 1 x 1.5 sq. mm of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.	M	331	233	77,123.00
2	Wiring for circuit/ submain wiring along with earth wire with the 2 x 2.5 sq. mm + 1 x 2.5 sq. mm of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.	M	573	275	1,57,575.00
3	Wiring for circuit/ submain wiring along with earth wire with the 2 x 4 sq. mm + 1 x 4 sq. mm of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. Medium class PVC conduit as required.	M	55	334	18,370.00
4	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 6 amp one way switch	EA	59	103	6,077.00
5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 16 amp switch	EA	11	156	1,716.00
6	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 16 amp socket	EA	11	197	2,167.00
7	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 20 amp switch	EA	3	630.55	1,891.65
8	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 20 Amp socket	EA	3	864.92	2,594.76
9	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 6 amp socket	EA	14	122	1,708.00
10	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Telephone Socket	EA	3	148	444
11	Data socket outlet (RJ-45)	EA	3	1,233.26	3,699.78

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
12	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	SET	3	369	1,107.00
13	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. 1 or 2 module	SET	16	133	2,128.00
14	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. 3 module	SET	11	151	1,661.00
15	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. 4 Module	SET	6	158	948
16	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. 6 Module	SET	11	182	2,002.00
17	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. 8 module	SET	1	211	211
18	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. 12 Module	SET	1	272	272
19	Supplying & fixing recessed mounted LED panel light fitting 2ft x 2ft 36 watts including connection etc. as required.	SET	4	3,792.80	15,171.20
20	Supplying and fixing 20 Watt LED batten light including connection etc. as required.	SET	26	853.61	22,193.86
21	Supplying and fixing 10 Watt LED batten light(Mirror light) including connection etc. as required.	SET	5	702.17	3,510.85
22	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification -30 mm thick prelaminated PVC doors.	SET	3.00	3629.02	10887.06
23	Supplying & fixing LED bollard light including connection etc. as required.	SET	36.00	12592.55	453331.80

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
24	Supplying and fixing of 12 watt LED gate top light fitting high quality driver efficiency 88%, aesthetically designed pressure diecast aluminium housing for increased convection heat transfer high power SMDLED, IP 65, 0.95PF, 350-390mA I/C, Optical 90 - 130 Lm/Wt.at 120 BA,3000 - 5000 K, reverse EMI protection provided over voltage protection upto 300V/surge protection up to 6KV.	SET	2.00	9318.60	18637.20
25	Supplying & fixing Wall light/10W batten light including connection etc. as required.	SET	3.00	771.38	2314.14
26	Supplying and fixing of 25 watt LED street light fitting high quality driver efficiency 88%, aesthetically designed pressure diecast aluminium housing for increased convection heat transfer high power SMDLED, IP 65, 0.95PF, 350-390mA I/C, Optical 90 - 130 Lm/Wt.at 120 BA,5500 - 6000 K, reverse EMI protection provided over voltage protection upto 300V/surge protection up to 6KV.	SET	4.00	8459.58	33838.32
27	Supply Installation testing and commissioning of 25 Watt, 120lm/w, LED based Solar Street Light Fitting complete with 12.8V / 30 AH lithium Ferro Phosphate battery, efficient monocrystalline solar panel, silicone capsulated high efficiency MPPT charge controller, unique design aluminium housing including mounting brackets, complete in all respect.	SET	11.00	19110.20	210212.20
28	Supply and fixing of single armed street light pole of 10 mtrs long as per the general specifications of SP410-39, working load 248 kgs, including cast iron base plate at the bottom, cross arm of 1.5 mtr long bent at 10 degrees at the top of the pole, cap, PCC foundation with 1:2:4 cc in 0.9x0.9x1.75mtrs. pit, construction of parapet 0.60x0.60x0.153mtrs in 1:3:6 cc i/c 12mm cement plaster in 1:4 mix complete in all respect.	SET	15.00	23514.93	352723.95
29	16/12.5 MTRS. HIGH MAST LIGHTING SYSTEM WITH FLOOD LIGHT Supply and fixing of 16/12.5 M CROMPTON high mast lighting system with its accessories. With 3 point Suspension system. Mast shaft shall be in two sections with steel material conforming to BSEN 10025 grade S355, hot dip galvanised conforming to BSEN ISO 1461 and suitable for wind velocity as per IS 875. It shall also include accessories for 'high mast including head frame, steel wire rope 6 mm dia (7/19 construction), trailing cable, double drum winch, Galvanised Lantern carriage arrangement suitable for 8 luminaires 'symmetrically & its control gearboxes and lightning finial. The mast shall have an integral power tool installed inside the base compartment for its operation. Luminaire wiring materials not included in the mast supply prices. Supply and fixing of foundation bolts manufactured from special steel along with nuts, washers, anchor plates and templates. Supply and fixing of LED floodlight luminaire including all accessories and silicon-filled potted driver, IP - 66 protection, 08nos 150W LED flood light, Driver must have BIS registered. Supply and fixing of LED aviation obstruction lights Supply and fixing of control panel housing 32 A TPN MCB incomer, double dial timer contactor circuit for the automatic control of luminaires, outgoing terminals and control circuit for the power tool motor	SET	1.00	740111.68	740111.68
30	Supplying & fixing ventilating fan 250mm including connection as required.	SET	4.00	3639.30	14557.20
31	Installation testing & commissioning of storage water heater with Mixture/stop cock, 16 amp plug top and G.I. pipe accessories etc. as required. a) 25 ltr capacity	SET	1.00	16084.07	16084.07

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
32	Supplying and fixing of FLP/ WP 120W LED, 240V AC FLOOD LIGHT FIXTURES FOR GAS GR.IIC .Finish : DARK ADMIRALTY GREY EPOXY POWDER COATED 632 of IS-5CABLE ENTRY : M20 X 02 NOS.CABLE GLAND BNP DC : M20 X 02 NOS. & STOPPING PLUG BNP : M20 X 01 NO.TYPE NO.: LLF61120	SET	5.00	14815.67	74078.35
33	Supplying and fixing of FLP/ WP 60W LED, 240V AC FLOOD LIGHT FIXTURES FOR GAS GR.IIC .Finish : DARK ADMIRALTY GREY EPOXY POWDER COATED 632 of IS-5CABLE ENTRY : M20 X 02 NOS.CABLE GLAND BNP DC : M20 X 02 NOS. & STOPPING PLUG BNP : M20 X 01 NO.	SET	3.00	7499.02	22497.06
34	Supplying and fixing of Flam proof Weatherproof Exhaust Fan. Finish : DARK ADMIRALTY GREY EPOXY POWDER COATED RPM1440, Design confirm to Standard IS2148-2004 IEC60079-1(2001) & IS13346-2004 IEC 60079-0(2000)EX-Protection: Ex-d Type Gas Gr- I IIA & IIB Zone Classification: Zone 1 & Zone 2 Paint, Light gray Epoxy Polyester Powder Coating Shade No 631 Earthling, Internal - 01 No. External- 02 Nos Cable Entry: 01 No. for ET Hardware In Stainless Steel FLP/WP 12"	SET	1.00	19639.58	19639.58
35	Supplying and fixing of Flam proof Weatherproof Rotary Switch. Switch : 16A DP Rotary type Terminals : 4nos. 2.5sq.mm. clip-on type terminals Finish : Powder coated Epoxy based Light Grey shade 631 as per IS:5CABLE ENTRY : 1no. 3/4" ET / BSC or 1/2" NPT	SET	4.00	6244.09	24976.36
36	Supply, Installation, Testing and Commissioning of GI Chemical earthing electrode, crystalline conducting material filled, 2Mtr. long PIP technology inner dia 42.2mm & outer dia 76.2mm, placed with 50 Kg. back filled compound mixed with equal quantity of black garden soil replacing the excavated earth including excavation in any kind of soil complete in all respect. Earth pit cover (High grade PVC, Circular, high compressive strength, impact resistant and high heat resistant)	SET	22.00	16371.66	360176.52
37	Supply, Installation, Testing and Commissioning of Copper bonded Chemical earthing electrode, crystalline conducting material filled, 3Mtr. long, 75 mm dia placed with 50 Kg. back filled compound mixed with equal quantity of black garden soil replacing the excavated earth including excavation in any kind of soil complete in all respect. Earth pit cover (High grade PVC, Circular, high compressive strength, impact resistant and high heat resistant)	SET	12.00	26510.45	318125.40
38	Supply erection testing and commissioning of conventional solid copper air terminal prong 1.5 mtrs long, with threaded type copper ball, finials and base plate complete in all respect.	SET	8.00	3192.55	25540.40
39	Supply & laying of Copper / GI / Aluminium earthing strips for connecting the earthing electrodes with the electrical installations / systems / distribution boxes etc., with all fixing accessories on and placing walls / trenches / ceiling / directly buried in earth as per specification and requirement. All earth strips buried in earth will be provided with protective non bio degradable PVC sleeves according to the size of conductor. Test certificate of all kind of strips shall be produced by the vendor during supply. 25 x 5 mm 99% electrolytic grade copper strip	M	213.00	1855.89	395304.57

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
40	Supply & laying of Copper / GI / Aluminium earthing strips for connecting the earthing electrodes with the electrical installations /systems / distribution boxes etc., with all fixing accessories on and placing walls / trenches / ceiling / directly buried in earth as per specification and requirement. All earth strips buried in earth will be provided with protective non bio degradable PVC sleeves according to the size of conductor. Test certificate of all kind of strips shall be produced by the vendor during supply.50 x 6 mm G I hot deep galvanised strip 80-100 micron	M	118.00	811.28	95731.04
41	Supply & laying of Copper / GI / Aluminium earthing strips for connecting the earthing electrodes with the electrical installations /systems / distribution boxes etc., with all fixing accessories on and placing walls / trenches / ceiling / directly buried in earth as per specification and requirement. All earth strips buried in earth will be provided with protective non bio degradable PVC sleeves according to the size of conductor. Test certificate of all kind of strips shall be produced by the vendor during supply.40 x 6 mm GI hot deep galvanised strip 80-100 micron	M	363.00	577.42	209603.46
42	Supply & laying of Copper / GI / Aluminium earthing strips for connecting the earthing electrodes with the electrical installations /systems / distribution boxes etc., with all fixing accessories on and placing walls / trenches / ceiling / directly buried in earth as per specification and requirement. All earth strips buried in earth will be provided with protective non bio degradable PVC sleeves according to the size of conductor. Test certificate of all kind of strips shall be produced by the vendor during supply.25 x 3mm GI hot deep galvanised strip 80-100 micron	M	133.00	314.76	41863.08
43	Supply & laying of Copper / GI / Aluminium earthing strips for connecting the earthing electrodes with the electrical installations /systems / distribution boxes etc., with all fixing accessories and placing walls / trenches / ceiling / directly buried in earth as per specification and requirement. All earth strips buried in earth will be provided with protective non bio degradable PVC sleeves according to the size of conductor. Test certificate of all kind of strips shall be produced by the vendor during supply.10 SWG CU WIRE	M	36.00	138.66	4991.76
44	Earth pit cover (High grade PVC, Circular, high compressive strength, impact resistant and high heat resistant)	SET	34.00	3710.54	126158.36
45	Supplying & installation testing and commissioning of MCCB/MCB distribution board Double Door/Single door (CONFORMING TO CPWD /NBC/Relevant IS & BIS Code) a) MCCB/MCB distribution board VTPN DB 06 way	EA	1.00	22629.03	22629.03
46	Supplying & installation testing and commissioning of MCCB/MCB distribution board Double Door/Single door (CONFORMING TO CPWD /NBC/Relevant IS & BIS Code) b) MCCB/MCB distribution board VTPN DB 04 way	EA	3.00	7512.00	22536.00
47	Supplying & installation testing and commissioning of MCCB/MCB distribution board Double Door/Single door (CONFORMING TO CPWD /NBC/Relevant IS & BIS Code) c) MCCB/MCB distribution board TPN DB 06 way	EA	1.00	4974.00	4974.00
48	Supplying & installation testing and commissioning of MCCB/MCB distribution board Double Door/Single door (CONFORMING TO CPWD /NBC/Relevant IS & BIS Code) d) MCCB/MCB distribution board SPN DB 12 way	EA	1.00	2315.00	2315.00

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
49	Supplying & installation testing and commissioning of MCCB/MCB distribution board Double Door/Single door (CONFORMING TO CPWD /NBC/Relevant IS & BIS Code) e) MCCB/MCB distribution board SPN DB 08 way	EA	1.00	2573.00	2573.00
50	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, Residual Current Breaker with Over-Current (RCBO), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. a) Double pole 32 Amps	EA	1.00	8729.28	8729.28
51	Supplying, installation, testing & commissioning of Miniature circuit breaker (CONFORMING TO CPWD /NBC/ Relevant IS & BIS Code)circuit breaker Single pole 10 Amps c	EA	41.00	256.00	10496.00
52	Supplying, installation, testing & commissioning of Miniature circuit breaker (CONFORMING TO CPWD /NBC/ Relevant IS & BIS Code) circuit breaker Single pole 16 A mpse	EA	15.00	256.00	3840.00
53	Supplying, installation, testing & commissioning of Miniature circuit breaker (CONFORMING TO CPWD /NBC/ Relevant IS & BIS Code)circuit breaker Single pole 20 Amps	EA	6.00	256.00	1536.00
54	Supplying, installation, testing & commissioning of Miniature circuit breaker (CONFORMING TO CPWD /NBC/ Relevant IS & BIS Code)circuit breaker Single pole 32 Amps	EA	1.00	256.00	256.00
55	Supplying, installation, testing & commissioning of Miniature circuit breaker (CONFORMING TO CPWD /NBC/ Relevant IS & BIS Code)circuit breaker Three pole 20 Amps	EA	4.00	1007.00	4028.00
56	Supplying, installation, testing & commissioning of Miniature circuit breaker (CONFORMING TO CPWD /NBC/ Relevant IS & BIS Code)circuit breaker Three pole 25 Amps	EA	3.00	1007.00	3021.00
57	Supplying, installation, testing & commissioning of Miniature circuit breaker (CONFORMING TO CPWD /NBC/ Relevant IS & BIS Code) circuit breaker Four pole 20 Amps	EA	1.00	3575.25	3575.25
58	Supplying, installation, testing & commissioning of Miniature circuit breaker (CONFORMING TO CPWD /NBC/ Relevant IS & BIS Code) circuit breaker Four pole 40 Amps	EA	5.00	5128.45	25642.25
59	Supplying, installation, testing & commissioning of Industrial plug & socket DB as per IEC:61439-3, with neutral link supplied with appropriate plug and socket.32A DP MCB	SET	1.00	5804.59	5804.59
60	Supplying, installation, testing & commissioning of junction boxes Weather proof for outdoor installation junction box 2.5-6 sq. mm(Hensel-KF 1006G)W	SET	6.00	2525.71	15154.26
61	Supplying, installation, testing & commissioning of junction boxes Weather proof for outdoor installation junction box 4-10 sq. mm(Hensel-KF 1610G)	SET	10.00	3132.19	31321.90
62	Providing & laying 1.1 KV grade XLPE insulated copper armoured/unarmoured conductor cable on surface of the wall of building with required size of aluminium Shadle and screw etc. as required. 4 Core 10.0 Sq mm Cable	M	350.00	1657.24	580034.00
63	Providing & laying 1.1 KV grade XLPE insulated copper armoured/unarmoured conductor cable on surface of the wall of building with required size of aluminium shadle and screw etc. as required. 4 Core 6.0 Sq mm Cable	M	16.00	1009.95	16159.20
64	Providing & laying 1.1 KV grade XLPE insulated copper	M	30.00	723.71	21711.30

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	armoured/unarmoured conductor cable on surface of the wall of building with required size of aluminium shadle and screw etc. as required.4 Core 4.0 Sq mm Cable				
65	Providing & laying 1.1 KV grade XLPE insulated copper armoured/unarmoured conductor cable on surface of the wall of building with required size of aluminium shadle and screw etc. as required. 3.5Core 35 Sq mm cable (Al Ar)	M	165.00	730.54	120539.10
66	Providing & laying 1.1 KV grade XLPE insulated copper armoured/unarmoured conductor cable on surface of the wall of building with required size of aluminium shadle and screw etc. as required. 3 Core 4.0 Sq mm Cable	M	25.00	603.96	15099.00
67	Providing & laying 1.1 KV grade XLPE insulated copper armoured/unarmoured conductor cable on surface of the wall of building with required size of aluminium shadle and screw etc. as required. 3 Core 6.0 Sq mm Cable (Al Ar)	M	110.00	318.07	34987.70
68	Providing & laying 1.1 KV grade XLPE insulated copper armoured/unarmoured conductor cable on surface of the wall of building with required size of aluminium shadle and screw etc. as required. 3 Core 2.5 Sq mm Cable (Un Ar)	M	1400.00	352.60	493640.00
69	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 required4 Core 10.0 Sq mm Cable	EA	6.00	269.00	1614.00
70	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 4 Core 6.0 Sq mm Cable	EA	4.00	368.71	1474.84
71	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 4 Core 4.0 Sq mm Cable3	EA	2.00	350.90	701.80
72	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 required3.5 Core 35 Sq mm cable	EA	6.00	369.00	2214.00
73	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 required3 Core 4.0 Sq mm Cable	EA	6.00	318.00	1908.00
74	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 3 Core 6.0 Sq mm Cable (Al Ar)	EA	2.00	345.41	690.82
75	Supplying and installing following size 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 a) 50 mm width X 50 mm depth X 1.6 mm thickness	M	60.00	395.13	23707.80

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
76	Supplying and installing following size 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 a) 100 mm width X 50 mm depth X 1.6 mm thickness	M	40.00	669.00	26760.00
77	Supplying and installing following size 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 b) 150 mm width X 50 mm depth X 1.6 mm thickness	M	50.00	716.00	35800.00
78	Supplying and installing following size 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 c) 225 mm width X 50 mm depth X 1.6 mm thickness	M	50.00	895.00	44750.00
79	Supply & Installation testing & Commissioning of On Line UPS System.5KVA with ,3 Hrs battery backup Input voltage : 230 V AC, 1 phase +/- 5%,Output voltage : 230 V,1 phase +/- 2%,	SET	1.00	446281.45	446281.45
80	Providing & laying 1.1 KV grade XLPE insulated copper armoured/unarmoured conductor cable on surface of the wall of building with required size of aluminium shadle and screw etc. as required. a) 1 Core 16 Sq mm shielded power Cable Cu	M	120.00	507.20	60864.00
81	Providing & laying flexible/stranded bare copper conductor, PVC/XLPE insulated, twisted pairs, overall aluminium mylar tape shielded with ATC drain wire and outer PVC sheathed industrial instrumentation (Pair Shielded) cable a) 1 Pair 1.5 Sq mm shielded control Cable Cu	M	90.00	286.07	25746.30
82	Providing & laying flexible/stranded bare copper conductor, PVC/XLPE insulated, twisted pairs, overall aluminium mylar tape shielded with ATC drain wire and outer PVC sheathed industrial instrumentation (Pair Shielded) cable b) 2 Pair 1.5 Sqmm shielded control Cable Cu	M	270.00	456.16	123163.20
83	Providing & laying flexible/stranded bare copper conductor, PVC/XLPE insulated, twisted pairs, overall aluminium mylar tape shielded with ATC drain wire and outer PVC sheathed industrial instrumentation (Pair Shielded) cablec) 6 Pair 1.5 Sq mm shielded control Cable Cu	M	100.00	1125.75	112575.00
84	Providing & laying flexible/stranded bare copper conductor, PVC/XLPE insulated, twisted pairs, overall aluminium mylar tape shielded with ATC drain wire and outer PVC sheathed industrial instrumentation (Pair Shielded) cabled) 10 Pair 1.5 Sq mm shielded control Cable Cu	M	450.00	1557.27	700771.50
85	HI-WALL SPILT UNIT FOR SERVER ROOM (colling only) OF CAPACITY 2.0 TR(3star) 1 WORKING 1 STAND BY.	NO	2.00	81753.13	163506.26
86	HI-WALL SPILT UNIT FOR OFFICE ROOM (colling only) OF CAPACITY 1.5 TR(3star) 1 WORKING 1 STAND BY.	NO	1.00	68158.03	68158.03
87	Supply & Installation testing & Commissioning of FRP Chequered Plate for indoor trench covering.	M2	20.00	9787.16	195743.20
88	Laying of OFC Cable in the existing surface/ recessed Steel/ PVC conduit as required.	M	120.00	102.81	12337.20

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
89	Installation of Pressure Transmitters/ Pressure Switches (with or without Pulsation Dampener, Overrange Protector)/ Diaphragm seal type Pressure Transmitters/Diaphragm seal type Pressure Switches including mounting on Yoke/ Surface, supply of piping & tubing materials such as valves, fittings, pipes, tubes, compression fittings as per specifications enclosed, supply of supports for capillary, supply and erection of supports for impulse lines wherever required, fabrication and installation of manifolds/ impulse lines with supports as per Standard indicated below, laying of capillary on supports, hydraulic testing and painting of supports but exclusive of Supply of Instrument, all Electrical/ Pneumatic connections, Yoke and Calibration. In Carbon Steel as per Standard 7-52-0437/0438/1131/1132	JOB	2.00	37490.65	74981.30
90	Installation of Line mounted or Remote mounted or Local Gauge Board mounted Pressure gauge/ Pressure gauge with Pulsation Dampener/ Syphon/Overrange Protector (direct/ surface mounted/ diaphragm seal type)inclusive of mounting of instrument, supply of piping and tubing materials such as valves, fittings, pipes, tubes, compression fittings, as per specification, supply and erection of supports, mounting on support, (if support required), laying of capillary on supports, fabrication and installation of manifolds/ impulse lines with supports as per standards indicated below, hydraulic testing and painting of supports but exclusive of Supply of Instrument, Gauge Board, Yoke, and Calibration. In Carbon Steel as per Standard 7-52-0430/1110	JOB	1.00	22494.38	22494.38
91	Thermocouple/ RTD element with thermowell, along with Temperature Transmitter remote mounted. Installation of transmitter including mounting on yoke, fabrication and erection of supports with clamps and laying of extension/RTD cable upto thermocouple, termination of cables at both ends, painting of supports but exclusive of Supply of Instruments, Cable, Yoke and Calibration. Temperature Transmitter with RTD	JOB	2.00	5904.46	11808.92
92	Installation of Fire and Gas detectors/monitors, beacon lights and hooters including earthing of Fire and Gas detector, supply of supports but exclusive of Supply of Detectors, Yoke and Calibration. Installation of Fire and Gas detectors LEL Detectors	NO	2.00	6561.50	13123.00
93	Installation of Fire and Gas detectors/monitors, beacon lights and hooters including earthing of Fire and Gas detector, supply of supports but exclusive of Supply of Detectors, Yoke and Calibration. Installation of Fire and Gas detectors Beacon Lights	NO	1.00	6561.50	6561.50
94	Installation of Fire and Gas detectors/monitors, beacon lights and hooters including earthing of Fire and Gas detector, supply of supports but exclusive of Supply of Detectors, Yoke and Calibration. Installation of Fire and Gas detectors Hooters	NO	1.00	6561.50	6561.50

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
95	Installation of switch-boards, relay and control panels, annunciation panels, UPS system, battery chargers, distribution boards, cubicles with electrical equipment, misc. electrical panels etc., including transportation from store/yard to site at the place of installation, unpacking, assembly, including mounting and wiring of loose parts supplied by equipment vendor etc., interconnection of shipping sections and requisite inter-panel wiring between shipping sections, including supply of all wiring materials, installation on foundations or fixing to wall or steel structures, aligning, levelling, grouting, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers-in-Charge. Installation board/panel upto 100 kg.	NO	10.00	4686.96	46869.60
96	Installation of switch-boards, relay and control panels, annunciation panels, UPS system, battery chargers, distribution boards, cubicles with electrical equipment, misc. electrical panels etc., including transportation from store/yard to site at the place of installation, unpacking, assembly, including mounting and wiring of loose parts supplied by equipment vendor etc., interconnection of shipping sections and requisite inter-panel wiring between shipping sections, including supply of all wiring materials, installation on foundations or fixing to wall or steel structures, aligning, levelling, grouting, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers-in-Charge. Installation board/panel 101 upto 500 kg.	NO	8.00	7498.13	59985.04
97	Installation of switch-boards, relay and control panels, annunciation panels, UPS system, battery chargers, distribution boards, cubicles with electrical equipment, misc. electrical panels etc., including transportation from store/yard to site at the place of installation, unpacking, assembly, including mounting and wiring of loose parts supplied by equipment vendor etc., interconnection of shipping sections and requisite inter-panel wiring between shipping sections, including supply of all wiring materials, installation on foundations or fixing to wall or steel structures, aligning, levelling, grouting, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers-in-Charge. Installation board/panel 501 upto 1000 kg.	NO	5.00	8436.02	42180.10
98	Installation of switch-boards, relay and control panels, annunciation panels, UPS system, battery chargers, distribution boards, cubicles with electrical equipment, misc. electrical panels etc., including transportation from store/yard to site at the place of installation, unpacking, assembly, including mounting and wiring of loose parts supplied by equipment vendor etc., interconnection of shipping sections and requisite inter-panel wiring between shipping sections, including supply of all wiring materials, installation on foundations or fixing to wall or steel structures, aligning, levelling, grouting, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers-in-Charge. Installation board/panel 1001 upto 1500 kg.	NO	2.00	9372.67	18745.34

SL. NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
99	Installation, testing and commissioning of miscellaneous surface mounted industrial/FLP control gear such as lighting/power panel, push button stations, communication equipment, junction boxes, panels, plugs, sockets, including supply of necessary hardware, touch up painting including supply of paint, including transportation from store/yard to site at the place of installation, unpacking, (excluding fixing of cable glands and cable terminations), including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge. Installation/testing up to 5 kg.	NO	10.00	1030.68	10306.80
100	Installation, testing and commissioning of miscellaneous surface mounted industrial/FLP control gear such as lighting/power panel, push button stations, communication equipment, junction boxes, panels, plugs, sockets, including supply of necessary hardware, touch up painting including supply of paint, including transportation from store/yard to site at the place of installation, unpacking, (excluding fixing of cable glands and cable terminations), including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge. Installation/testing above 5 kg. but upto 20 kg.	NO	8.00	1874.54	14996.32
101	Installation, testing and commissioning of miscellaneous surface mounted industrial/FLP control gear such as lighting/power panel, push button stations, communication equipment, junction boxes, panels, plugs, sockets, including supply of necessary hardware, touch up painting including supply of paint, including transportation from store/yard to site at the place of installation, unpacking, (excluding fixing of cable glands and cable terminations), including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge. Installation/testing above 20 kg. but upto 100 kg.	NO	5.00	3749.06	18745.30
102	Laying & fixing of PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of size upto 35 sq.mm (clamp with 1 mm thick saddle) on cable tray as required	M	100.00	45.00	4500.00
103	Laying of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of size upto 35 sq.mm in the existing RCC/ HUME/METAL pipe as required	M	1000.00	37.00	37000.00
Contract Execution Cost, A				₹ 4,32,38,406.74	
Forest Royalty of 2% on the contract execution cost. Additional 10% Cess on forest royalties for each for MMDRRF and DMFT, B		EA	850949.37	1.00	8,50,949.37
TOTAL (A+B)				₹4,40,89,356.11	

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.

WORKS CONTRACT**SPECIAL CONDITIONS OF CONTRACT**

DESCRIPTION OF WORK/SERVICES: Construction of New Repeater Station (RS-19) for Duliajan - Digboi Pipeline at Kathalguri, Jorajan area, Assam. All civil engineering & Electrical works are to be done by contractor excluding supply of cement.

A. SCOPE OF CIVIL WORK:

- i) Site Grading/ Earth filling/ Levelling (wherever required) inside the proposed industrial site of New Repeater Station at Kathalguri,
- ii) Construction of one Single Storied RCC DG Set Building with Toilet Facilities,
- iii) Construction of Scraper Shed (PEB Steel Structure) with Internal Electrification = 1 (One) Unit,
- iv) Security Watch Towers (Steel Structure) with Internal Electrification = 2 (Two) Units,
- v) RCC Wax Pit with Steel Shed = 1 (One) Unit,
- vi) RCC Pit/ Chamber for 'Oil-Water Separator (OWS)' with Steel Shed = 1 (One) Unit,
- vii) Security Accommodation Barrack Building with Toilet/Bath/Kitchen/Store (Prefabricated Type) = 1 (One) Unit
- viii) Security Hut (Prefabricated Type) near the Main Entrance Gate = 1 (One) Unit,
- ix) RCC Cable Trenches and Earthen Pits as per drawings.
- x) Storm Water Drains and Industrial Wastewater Drains with Recharge Pits as per drawing.
- xi) Pond as designated in the Drawings near the DG Set Building.
- xii) Carrying-out all the related Plumbing and Water Supply Works, External Electrifications as mentioned in Drawing.
- xiii) Construction of all Internal Roads (CC paver Block) with Footpath & Side Drainage inside the entire industrial premise as shown in the Drawing.
- xiv) Carrying-out all the related Landscaping Works inside the entire industrial premise as shown in the Drawing.
- xv) Proper Road Signage/Road Markings/Industrial Safety Signages/All Statutory Signages with improved visibility/ understanding shall be provided as per the Project Plan.
- xvi) Construction of Parking Areas (CC Paver Block) as shown in the Drawing and as per the Project Plan.

B. Scope of Electrical & Instrumentation works:

The scope of works under Electrical & Instrumentation Works includes electrification of buildings /sheds (RTU building including DG room, Scraper trap shed, Security building, area lighting), supply / Installation and commissioning of flame proof / safe area type instruments & electrical items, all lighting system equipment's/fixtures, LT power cables, control cables, instrumentation cables, earthing system, communication system, panel installation, termination works and any other works necessary to complete the job in all respect.

C. 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 calculation of LD as per Contract. Moreover, the duration of the work allotted to the contractor is 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 IS-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.

1.0 SITE CLEARANCE:

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 included in the rate of earthwork.

2.0 STORAGE:

Materials shall be transported, handled and stored at site carefully to the approval of Engineer so as to prevent any damage of any kind to be kept at his own risk and cost.

Cement shall be stored in a weather proof shed, the floor of which shall be raised 300 mm clear from the ground and 600 mm away from the wall all round in order to protect from rain and moisture. Empty cement bag shall be returned to the Company in good condition.

3.0 CEMENT CONCRETE/ REINFRCED CEMENT CONCRETE WORK:

All C.C. work in 1:3:6 proportions 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. M25 grade 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, seashells 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

(i) Mild steel and medium tensile steel bars and hard drawn steel wire - IS:432.

(ii) 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, 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 up to 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.

4.0 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/steel 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 (temperature not below 15 degree C and where ordinary Portland cement is used form may generally be removed after the expiry of the following periods.

- (a) Vertical form work to columns, walls, beams = (16-24) hours
- (b) Slabs side (props left under): 3 days
- (c) Beam soffits (props. left under): 7 days
- (d) Removal of props under slabs
 - i) Spanning up to 4.5 m: 7 days
 - ii) Spanning over 4.5 m: 14 days
- (e) Removal of props under beams and arches:
 - i) Spanning up to 6 m: 14 days
 - ii) Spanning above 6 m: 21 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.

5.0 BRICKWORK:

- (a) All bricks shall be of 75 class designation quality locally available as approved by the Site Engineer.
- (b) Bricks shall be of size as specified in the item of work or of nominal size where no particular size is mentioned.
- (c) 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:
 - (i) They shall give a clear metallic sound when struck
 - (ii) They shall be of uniform colour and size
 - (iii) They shall not be cracked, stratified or under or over burnt
 - (iv) The tolerance in dimensions shall be +/- 12mm in length, 6mm in width and 3mm in height.
 - (v) 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
 - (vi) The increase in weight when soaked in water for 24 hours shall not be more than 20% of the dry weight of the bricks.
- (d) If required by the Site Engineer, necessary test shall be conducted at the contractor's expense to ensure quality. In general, the bricks shall be the best quality locally available.

Bricks used for masonry in cement mortar or composite mortar 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. Bricks shall be laid in English bond unless otherwise specified. 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. Brickwork shall be raised truly plum (or true to required better where so specified). 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 thickness of brick courses shall be uniform. Great care must be taken to masonry in progress of construction damp. When work is left off for the day troughs shall be formed, by means of fillets of mortar 51mm high all round the unfinished work and shall be kept filled with water. Vertical or inclined surfaces must be frequently watered from a rose headed can. Water should not be dashed with violence against new work as this washes out the mortar. Should the work be delayed owing to holidays or for other reason, the contractor must make adequate arrangements for keeping the work wetted, and shall continue to do so for at least ten days or such longer time as directed, after the brickwork has been completed.

- (a) Brick work in cement mortar with 75 designation brick including racking out joints and curing complete as directed, in sub structure and superstructure in mortar of specified proportion.
- (b) 115mm thick 75 designation brick nogged wall in cement mortar embedded with protruding M.S. rod 6mm dia in column including racking out joint and curing complete as directed in super structure above plinth in proportion as specified.

6.0 CEMENT MORTAR:

- (a) **Must be freshly mixed:** Cement mortar will only be mixed in such quantities as can be used up on the work within half an hour of mixing. Mortar which has been mixed longer or which has taken its initial set will on no account be used on the work or remixed with fresh mortar. It must be immediately removed from the site or work.
- (b) **Method of mixing:** The cement and sand will be mixed dry in the specified proportions, by turning over atleast 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.
- (c) **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 must be clean and level and all joints closed or filled so that the cement is not washed out.
- (d) **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

7.0 WOODWORK:

The work shall be carried out as per detailed drawings and/or as directed by the Engineer-in-charge. The wooden members of the frame shall be planed smooth and accurate to the full dimensions. Rebates, rounding, moldings etc. as shown in the drawing shall be done before the members are joined into frames. Timber will be 1st class seasoned as approved by the Engineer-in-charge.

Jointing - Jointing in timber frames must be made carefully and accurately. They shall be strong, neat and shall fit without wedging or filling. The joints shall be pinned with hard wood 10 to 15mm dia after the members of the frame are pressed together in a suitable vice-mechanism.

Surface treatment - Woodwork shall be painted. oiled, polished or otherwise treated as specified. All portions of timber abutting against masonry or concrete portion of building shall be coated with boiling coat tar or other type of approved wood preservative or primer, before placing them in final position.

Hold fasts - Hold fasts used for fixing doors and window frame shall be made of 40 x 3mm flat iron long. It shall have a hole on one end for fixing to frame with 10mm dia bolt, at the other end the flat iron shall be split and bent

at right angles in the opposite direction. The hold fast shall be tightly fixed to the frame by means of bolts, the bolt hole in frame being plugged suitably and finished neat. The hold fast shall be embedded into masonry by concrete block as described in the item of work.

8.0 DOORS:

- (a) The flush door shutters (solid core type) decorative and non-decorative type shall conform to IS: 202 (Part I). The door should be fixed using 4 nos. of hinges 125mm long ensuring that the hinges are not fixed less than 150mm from the edges with 8 nos. parallel sunk fully threaded screws 38mm long, should be used for fixing the hinges to the flush door after drilling a pilot hole 2.50mm dia 40mm long. Screws should not be hammered. Lock, tower bolts etc. necessary, if any to be paid separately.
- (b) Door frame (Chowkaths) of door, windows, other similar works wrought, framed and fixed in position in contact with C.C. or brick masonry walls including supplying, fitting and fixing with M.S. flat hold fast (40mm x 3mm x 250mm) as per design and embedded in cement concrete block in prop 1:2:4 and with two coats of kiricide oiling to the timber faces in contact with C.C. and masonry as directed and specified.

9.0 STEEL DOORS, WINDOWS AND VENTILATORS:

The type, over all sizes, side opening position of steel doors, windows and ventilators shall be specified as per details given in IS: 1038, specification for steel doors, windows and ventilators. 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.

Side-hung shutter windows - Window shutters shall be hung on projecting type hinges (not less than 65mm and not more than 75mm wide). One leaf of the hinge shall be welded into a slot in the outer frame and the other leaf of the hinge riveted to the opening shutters. Friction hinges may be provided for side-hung shutter windows in which case peg-stay may not be required. In cases where non-friction type hinges are provided, the windows shall be fitted with peg-stays, which shall be either of hot pressed brass, cast brass, aluminium or steel protected against rusting and shall be 300mm long with steel peg and locking bracket. The peg stay shall have three holes to open the side hung casements in three different angles.

Top Hung Ventilators - The steel butt hinges for top hung ventilators shall be riveted to the fixed frame or welded to it after cutting a slot in it. Hinges to the opening frame shall be riveted or welded and cleaned off. Top hung casements shall be provided with a peg stay three holes which when closed shall be held tightly by the locking bracket. The locking bracket shall either be fitted to the fixed frames or to the window.

Glazing of metal doors, windows and ventilators - Doors and windows shall normally be glazed with glazing putty on unless otherwise specified. Putty shall be applied between glass panes and glazing bars. Putty shall be applied over the glass panes, which shall stop 2 to 3mm from the sight line of the back rebate to enable the painting to be done upto the sight line, to seal the edge of the putty to the glass. The oozed out back putty shall be cleaned and cut to straight line.

10.0 PLASTER WORK:

- (a) **Preparation of surface:** 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. Projecting burrs of mortar formed due to gaps at joints in shuttering shall be removed. The surface shall be scrubbed clean with wire brush/coil brush to remove dirt, dust etc. and the surface thoroughly washed with clean water to remove efflorescence, grease and oil etc. and shall be kept wet for a minimum of six hours before application of plaster.
- (b) **Proportion:** The cement plaster shall be in specified proportion of cement and sand.
- (c) **Mixing:** The cement and sand should be thoroughly mixed in dry condition. After dry mixing the materials shall be wetted with just sufficient water to bring the mortar to proper consistency of thick paste. Mortar should be used immediately after mixing and arrangements shall be made so that not more than 30 minutes elapse between the

cement first coming in contact with the moisture and laying. In all exterior plaster works waterproofing compound to be added to the mortar as per the specification of the manufacturer, if not indicated in the item rate quoted should be inclusive of the same.

- (d) **Placing:** 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.
- (e) **Sequence 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.
- (f) **Curing:** 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.

11. DAMP PROOFING COURSE:

It shall consist of 1:1.5:3 plain cement concrete with approved water proofing materials such as cico, impermo etc. of specified thickness. Edges of DPC shall be straight, even and vertical side shuttering shall consist of wooden or steel forms and shall be strong and properly fixed so that it is not disturbed during compaction and mortar or cement slurry does not leak through. When forms are struck the surface should be smooth without any honeycombing. The surface shall be kept wet for seven days. Before commencing the superstructure work, the top of concrete course shall be dried and cleaned of all materials. Blown type bitumen shall then be applied uniformly on the surface and the side of the concrete coming in contact with flooring on the inside shall also be painted with bitumen.

12. WASHABLE DISTEMPER/OIL BOUND DISTEMPER/PLASTIC EMULSION PAINTING:

Preparation of surfaces: The surface shall be thoroughly brushed free from dust, dirt, grease, mortar droppings and other foreign matter and sand papered smooth. Thereafter a smooth surface shall be prepared by applying putty, made of plaster of paris mixed with water on the entire surface including filling up the undulation and then sand papering the same after it is dry.

Primer coat: The primer where used as on undecorated surfaces shall be alkali resistance primer or acrylic based cement primer as specified in the item. These shall be of the same manufacture as oil bound distemper/ plastic emulsion paint. If the wall surface plaster has not dried completely alkali resistance primer shall be applied before distempering the walls. But if the distempering is done after the wall surface is dried completely, cement primer shall be applied.

Application of distemper/plastic paint coat: For undecorated surfaces, after the primer coat has dried for at least 48 hours, the surface shall be lightly sand papered to make it smooth for receiving the distemper/plastic paint taking care not to rub out the priming coat. All loose particles shall be dusted off after rubbing. Minimum two coats of distemper/plastic paint shall be applied with brushes in horizontal strokes followed immediately by vertical, which together shall constitute one coat. The subsequent coats shall be applied after a time interval of at least 24 hours between consecutive coats to permit of the proper drying of the preceding coat. For decorated surfaces, the distemper/plastic paint shall be applied in two coats or more over the prepared surface in the same manner as for undecorated surfaces.

Purchase of paint, varnish or oil: Only the best brands obtainable will be used and should the contract permit the contractor to supply any paint, oil or varnish he shall purchase only such brands as the Site Engineer shall approve of in writing. All purchases must be made direct from the manufacturers or through an agent approved of in writing by the Site Engineer. Should the Site Engineer so direct copies of all indents and receipts for purchase must be submitted for inspection. Paint etc. to be purchased in sealed containers. All paints, oil or varnishes supplied by the contractor must be produced for the inspection of the Site Engineer of the work in the manufacturers sealed and unopened containers. All containers from which the contents have been removed and are not required on the work must be destroyed and no extra payment will be granted for such destruction. Only ready mixed or varnished of the

make or brand specified will be permitted to be used exactly as received from the manufacturer without any admixture what so ever unless previously authorized, in writing, by the Site Engineer.

13. OSYNETHIC ENAMEL PAINT:

Preparation of surface: The surfaces before painting shall be cleaned of all rust, scale, dirt and other foreign matter sticking to it with wire brushes, steel wool in case of steel surfaces and sand papering in case of wooden surfaces. Thereafter, one coat approved primer paint will be applied on the surface. Synthetic enamel paint (Superior quality as approved) shall be applied - two or more coats to give an even shade.

14. OFILLING EXCAVATED EARTH IN FOUNDATION TRENCHES AND PLINTH OR UNDER FLOORS:

As soon as the work in foundation has been completed and measured, the sides of foundations shall be cleared of all debris, bricks bats, mortar dropping etc, and filled with earth in layers not exceeding 30cms, each layer shall be adequately watered, rammed and consolidated before the succeeding one is laid. Earth shall be rammed with iron rammers where feasible, and with the butt ends crowbars where rammer cannot be use.

The plinth shall be similarly filled with earth in layers not exceeding 30cms, adequately watered and consolidated by ramming with iron or wooden rammers. When filling reaches the finished level, the surface shall be flooded with water for at least 24 hours, allowed to dry and then rammed and consolidated, in order to avoid any settlement at a later stage.

Sand filling in plinth: Sand shall be clean and free from dust, organic and other foreign matter. Sand filling shall be done in a manner similar to earth filling in plinth. Concreting of floor shall not be started until the Engineer-in-charge has inspected and approved the filling.

15. OCERAMIC TILE FLOORING/SKIRTING:

- (a) **Preparing of Plinth Filling:** All plinth fillings shall be properly consolidated in layers, watered, rammed and allowed to consolidate to the Site Engineer's satisfaction before any flooring is laid. When the flooring is to be laid over a foundation of sand, broken stone, brick or a combination of sand and broken stone or brick the filling shall be removed to a depth equal to the thickness of the flooring plus such foundation layers.
- (b) **Foundations:**
- i) Sub-layer of sand: After the plinth filling has been prepared as detailed in specification above a sublayer of sand 300mm deep shall be laid watered and brought to an even surface.
 - ii) Layer of broken stone or brick: Over the sand a foundation course of bricks shall be laid and the interstices filled in with sand. The bricks shall be tightly packed and laid so as to break joint.
- (c) **Tile floors:**
- i) Foundation and cement floating under tiles: Over the foundation as in (b) above 2 coats of cement plaster, 1part of cement to 1 part of sand, prepared in a very liquid condition will be floated over it and allowed to set.
 - ii) Laying: After the tiles have been soaked in water for at least two hours and the cement foundation sprinkled with water, laying work may commence and shall start from the centre of the room or area to be tiled, work being continued in both directions so that borders are laid last. A layer of 20mm thick (average) cement mortar: 1:4 (1 cement: 4 sand) (unless otherwise specified) shall be provided as bedding for the tiles. Each tile will be laid in and drawn up in neat cement of honey like consistency at 4.40 Kg of cement per sqm, care being taken to exclude air bubbles. Threads shall be stretched cross the surface, at intervals, parallel to the short sides of the area to be tiled to serve as guide lines. Each tile being gently tapped with a wooden mallet till it is properly bedded. The joints shall be grouted with white cement and matching pigment complete. The surface of the flooring shall be checked frequently with a straight edge so as to obtain a true surface with slope, if required. At position where full tiles cannot be fixed, the tiles shall be cut to size and smoothed to give straight and true joints.

- iii) Cleaning: After a small area has been laid all superfluous cement will be wiped off the surface. Stains shall be removed by moistening with hydrochloric acid and rubbing with pumice stone and afterwards washing with warm water.
- iv) Curing: The floor shall be kept wet for a minimum of 7 days so that bedding and joints set properly.

16.OPLINTH PROTECTION AND STORM WATER DRAIN:

Plinth protection and storm water drain shall be provided along the outer periphery of the building as per drawing and with PCC (1:3:6) over bricks flat laid in CM 1:4 and finished with 15mm thick cement plaster in prop. 1:2 with floating coat of neat cement finish.

17.OSANITARY, PLUMBING WORKS AND WATER SUPPLY FITTINGS & FIXTURES:

All sanitary, plumbing and water supply fittings and fixtures shall conform to the specifications and particular make specified in the items of work and direction of Engineer-in-charge. All waste and soil pipes and fixtures shall conform to IS specifications and shall be jointed as specified.

- (i) Indian/European W.C. with PVC flushing cistern as per drawing & specification.
- (ii) Wash basin and urinal pan at toilet as per drawing & specification. Wash basins to be provided with C.I. brackets.
- (iii) Providing soap tray in the toilet.
- (iv) Rain water pipe as per drawing & specification
- (v) Gully trap
- (vi) Inspection chambers, manholes, septic tanks, drainage pipes etc. as per drawings.
- (vii) Medium class GI pipes with all GI fittings clamps and specials etc. for water supply lines 25mm, 20mm & 15mm.
- (viii) Concealed PE-AL-PE pipes for water supply.

18.OP/F PRE PAINTED GALVALUME/GALVANISED SHEET ROOFING:

Pre Painted Galvalume Sheet at all levels shall be fitted and fixed with self drilling, self tapping screws complete (roof trusses, purlins to be measured and paid separately) of make Dyna roof/sathyam/century wells and of thickness as specified in the respective items. Preferably it shall be carried out by a reputed party.

- (a) Cut the pipe square by cutter to the required and proper length.

19.OANTITERMITE TREATMENT (IS 6313):

Injecting chemical emulsion of Chlorpyriphosemulsificable concentrates 20% with 1% concentration for pre-construction anti-termite treatment and creating a continuous chemical barrier under and all-round the column pits, trenches, top surface of plinth filling, junction of walls and floor along the external perimeter of building expansion joints, surroundings of pipes and conduits etc complete as per specification (plinth area of the building at ground floor only shall be measured for payment) and to be executed by reputed party.

20.OAluminum work:

Aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge.

21.O TESTS FOR QUALITY CONTROL:

The various tests shall be carried out by the contractor as and when instructed by the Engineer-in-charge based on the prevailing OIL SOP (Standard Operating procedure) and no separate payment shall be made unless otherwise

specified in the contract. Following tests /test certificate to be produced by the contractor at his own cost as and when directed by the Engineer-in-charge.

- (a) Water for construction and curing ('PH' value should not be less than 6
- (b) Cube test for RCC work. (Test to be performed in presence of company representative.)
- (c) Manufacture Test certificate for steel materials, M.S. rod, Tor steel should be produced prior to its use in construction.
- (d) Brick test as per BIS 1077 and BIS 3495 (part 1 and 2)
- (e) Test for fine and course aggregate
- (f) Any other tests as per the direction of Engineer-in-charge.

22.0MEASUREMENT & PAYMENT:

Payment for all works done shall be made on the basis of actual work done as per the schedule of rates. For all extra work done on the advice of the Company's Engineer and which is not included in the schedule of rates, deviation order for the same shall be made on the rates as decided by the Company's Engineer.

23.0SAFETY 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.

24.0RECORD KEEPING:

- (a) A site order book will be maintained at site which will be in the custody of the Engineer-in-charge or his representative and all instructions given to the Contractor will be recorded in the site order book and the same has to be signed by the contractor to comply with the instruction given therein.
- (b) A register to be maintained at site which will be in the custody of the Engineer-in-charge or his representative to maintain the records of use of cement and the same has to be signed by the contractor.
- (c) A separate register to be maintained at site by the contractor to record the works executed and remarks columns to be added in this to record the hindrance.

25.0In case of any ambiguity/conflict among various documents the decision of Engineer-in-charge will be final and binding.

26.0CONTRACTOR'S GODOWN:

The contractor must make adequate arrangement as directed by the Engineer-in-Charge, for the storage in suitable godown of all perishable materials such as cement. On no account may cement be stacked on the ground either in or outside godown. 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.

27.0SPECIAL INSTRUCTION TO THE CONTRACTOR:

- (a) 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.
- (b) Watch and ward, loss or damage to Company's property, theft and other incidental charges shall be Contractor's responsibility.
- (c) Efficient workmen to be engaged by the Contractor.
- (d) The Contractor's representative should report to Engineer-in charge on all working day's at 7.00 AM for instruction.
- (e) 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.

- (f) 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.
- (g) 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.
- (h) 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 Co. on Chargeable basis depending on its availability & approved by the competent authority.
- (i) The Contractor and his workmen have to strictly observe the safety precautionary rules as per Mines Act. (Latest edition) while executing the work.
- (j) 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.
- (k) The Contractor will be required to work expeditiously at the site and must visit the site before tendering.
- (l) 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.
- (m) 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.
- (n) 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. In case the contractor does not deploy qualified technical person as mentioned above, the company has right to penalize the contractor at a rate decided by the company.
- (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.

28. FABRICATION OF STRUCTURAL STEELWORK:

This specification covers supply, fabrication, testing, painting and delivery to site of structural steelwork including supply of all consumable stores and bolts, nuts, washers, electrodes and other materials required for fabrication and field connections of all structural steelwork in general covered under the scope of the contract. However, for any special structures such as rail & road bridges, steel chimney, tanks, transmission towers, furnace structures, etc., the relevant Indian Standard or IRC specification and Codes of Practices shall be given due consideration over & above this specification.

Codes and standards:

All work under this specification shall, unless otherwise specified in the contract, conform to the requirements of the latest revision and/or replacements of the following or any other relevant Indian Standard specifications and codes of practice. In case any particular aspect of the work is not specifically covered by any Indian Standard Specification, any other standard practice, as may be specified by the Engineer shall be followed:

Sl. No.	IS Code	Description
1	IS : 800	Code of practice for general construction in steel.
2	IS : 801	Code of practice for use of cold formed light gauge steel structural members in general building construction.

3	IS : 806	Code of practice for use of steel tubes in general building construction.
4	IS : 808	Dimensions for rolled steel beams, channels and angle sections.
5	IS : 812	Glossary of terms relating to welding & cutting of metals.
6	IS : 813	Scheme of symbols for welding.
7	IS : 814	Covered electrodes for metal arc welding of carbon and carbon manganese steel.
8	IS : 815	Classification coding of covered electrodes for metal arc welding of mild steel and low alloy high tensile steel.
9	IS : 816	Code of practice for use of metal arc welding for general construction in mild steel.
10	IS : 818	Code of practice for safety and health requirements in electric and gas welding and cutting operations.
11	IS : 819	Code of practice for resistance spot welding for light assemblies in mild steel.
12	IS : 822	Code of practice for inspection of welds.
13	IS : 919 (Part 1&2)	Recommendations for limits and fits for engineering.
14	IS : 1161	Steel Tubes for structural purposes.
15	IS : 1182	Recommended practice for Radiographic Examination of fusion welded butt joints in steel plates.
16	IS : 1200 (Part 8)	Method of measurement of steel work and iron work
17	IS : 1239 (Part 1&2)	Mild steel tubes, tubular & other wrought steel fittings
18	IS : 1363 (Part 1 to 3)	Hexagon head bolts, screws & nuts of product grade C
19	IS : 1364 (Part 1 to 5)	Hexagon head bolts, screws and nuts of product grade A & B
20	IS : 1365	Slotted counter sunk head screws (dia. 1.6 to 20 mm)
21	IS : 1367 (Part 1 to 18)	Technical supply conditions for threaded steel fasteners.
22	IS : 1608	Method for tensile testing of steel products.
23	IS : 1730	Dimensions for steel plate, sheet and strip for structural and general engineering purposes.
24	IS : 1852	Rolling and cutting tolerances for hot rolled steel product.
25	IS : 1977	Structural steel (Ordinary quality)
26	IS : 2016	Plain washer
27	IS : 2062	Steel for general structural purposes.
28	IS : 2629	Recommended practice for hot dip galvanising of iron and steel.
29	IS : 2633	Method for testing uniformity of coating on zinc coated articles.
30	IS : 3644	Code of practice for ultrasonic pulse echo testing by contact and immersion method.
31	IS : 3757	High Strength Structural Bolt
32	IS : 4000	High strength bolts in steel structure
33	IS : 4759	Specifications for hot dip zinc coatings on structural steel and other allied products.
34	IS : 4923	Hollow steel sections for structural use.
35	IS : 5334	Code of practice for magnetic particle flaw detection of weld.
36	IS : 5369	General requirements for plain washers and lock washer.
37	IS : 6005	Code of practice for phosphating of iron and steel.
38	IS : 6649	Specification for hardened and tempered washers for high strength structural bolts and nuts.
39	IS : 6623	Specification for high strength structural nuts.
40	IS : 7215	Tolerances for fabrication of steel structures.

41	IS : 7280	Bare wire electrode for submerged arc welding
42	IS : 8500	Structural steel micro alloyed (medium & high strength quality).
43	IS : 8629 (Part I to III)	Code of practice for protection of iron steel and structures from atmospheric corrosion
44	IS : 9595	Recommendation for metal arc welding of carbon manganese steels.
PAINTING		
1	IS : 117	Specification for ready mixed paint, brushing, finishing, exterior, semi gloss, for general purposes.
2	IS : 128	Specification for ready mixed paint, brushing, finishing, semi gloss for general purposes, black.
3	IS : 1477 (Part I & II)	Code of practice for painting of ferrous metal in building
4	IS : 2074	Ready mixed paint, air drying red oxide zinc chrome priming.
5	IS : 2339	Specification for aluminium paints for general purposes in dual container.
6	IS : 2932	Specification for enamel, synthetic exterior type I.
7	IS : 2933	Specification for enamel, synthetic exterior type II.

Conformity with Designs:

Except where the standard connection details are furnished, the contractor shall design all connections, supply and fabricate all steelwork and furnish all connection materials in accordance with the approved drawings and/or as instructed by the Engineer keeping in view the maximum utilization of the available sizes and sections of steel materials. The methods of painting, marking, packing and delivery of all fabricated materials shall be in accordance with the provisions of the contract and/or as approved by the Engineer. Provision of all relevant Indian Standard Specifications and Codes of Practice shall be followed unless otherwise specified in the contract.

Materials to be used:**General:**

All steel materials shall be free from all imperfections, mill scales, slag intrusions, laminations, pittings, rusts etc. that may impair their strength, durability and appearance. All materials shall be of tested quality and from approved manufacturer only unless otherwise permitted by the Engineer. If desired by the Engineer, Test Certificates of materials supplied by the contractor in respect of each consignment shall be submitted in triplicate. Whenever the materials are required to be used from unidentified stocks, if permitted by the Engineer, a random sample shall be tested by the Contractor at an approved laboratory from each lot of 50 tonnes or less of any particular section with no extra cost to the owner.

The arc welding electrodes shall conform to the relevant Indian Standard Codes of Practice and Specifications and shall be of heavily coated type and the thickness of the coating shall be uniform and concentric. With each container of electrodes, the manufacturer shall furnish instructions giving recommended voltage and amperage (Polarity in case of D.C. supply) for which the electrodes are suitable.

Steel:

All steel materials to be used in construction within the purview of this specification shall comply with relevant Indian Standard Specifications as may be applicable. In case of imported steel materials being used, these shall conform to specifications equivalent to any of the above as may be applicable.

Electrodes:

All electrodes to be used under the Contract shall comply with relevant Indian Standard Specifications as may be applicable.

Bolts and Nuts:

All bolts and nuts shall conform to the requirements of the relevant Indian Standard Specification.

Washers:

Washers shall be made of steel conforming to the relevant Indian Standard Specifications as may be applicable under provisions of the Contract.

Paints:

Paints to be used for shop coat of fabricated steel under the purview of this contract shall conform to the relevant Indian Standard Specification.

Storage of Material:**General:**

All materials shall be so stored as to prevent deterioration and to ensure the preservation of their quality and fitness for the work. Any material which has deteriorated or has been damaged shall be removed from the contractor's yard immediately, failing which, the Engineer shall be at liberty to get the material removed and the cost incurred thereof shall be realised from the Contractor. The Contractor shall maintain upto date accounts in respect of receipt, use and balance of all sizes and sections of steel and other materials. In case the fabrication is carried out in contractor's fabrication shop outside the plant site where other fabrication works are also carried out, all materials meant for use in this contract shall be stacked separately with easily identifiable marks.

Steel:

The steel to be used in fabrication and the resulting cut pieces shall be stored in separate stacks off the ground section-wise and length-wise so that they can be easily inspected, measured and accounted for at any time. If required by the Engineer, the materials may have to be stored under cover and suitably painted for protection against weather.

Electrodes:

The electrodes for electric arc welding shall be stored in properly designed racks, separating different types of electrodes in distinctly marked compartments. The electrodes shall be kept in a dry and warm condition if necessary by resorting to heating.

Bolts, Nuts and Washers:

Bolts, nuts and washers and other fastening materials shall be stored on racks off the ground with a coating of suitable protective oil. These shall be stored in separate gunny bags or compartments according to diameter, length & quality.

Paints:

Paints shall be stored under cover in air tight containers. Paints supplied in sealed containers shall be used up as soon as possible once the container is opened.

Quality Control:

The Contractor shall establish and maintain quality control procedures for different items of work and materials to the extent he deems necessary to ensure that all work is performed in accordance with this specification. In addition to the Contractor's quality control procedures, materials and workmanship at all times shall be subjected to inspection by the Engineer or Engineer's representative. As far as possible, all inspection by the Engineer or Engineer's representative shall be made at the Contractor's fabrication shop whether located at Site or elsewhere. The Contractor shall co operate with the Engineer or Engineer's representative in permitting access for inspection to all places where work is being done and in providing free of cost all necessary help in respect of tools and plants, instrument, labour and materials required to carry out the inspection. The inspection shall be so scheduled as to provide the minimum interruption to the work of the Contractor.

Materials or workmanship not in reasonable conformance with the provisions of this Specification may be rejected at any time during the progress of the work.

Standard Dimensions, Forms and Weights:

The dimensions, forms, weights and tolerances of all rolled shapes bolts, nuts, studs, washers etc. and other members used in the fabrication of any structure shall, wherever applicable, conform to the requirements of the latest relevant Indian Standards, wherever they exist, or, in the absence of Indian Standards, to other equivalent standards.

Packing and Shipping:

All projecting plates or edges and all ends of members of joints shall be stiffened, all straight members and plates, shall be bundled, all screwed ends and machined surfaces shall be suitably packed and all bolts, nuts, washers, and small loose parts shall be packed separately in order to prevent damage or distortion during shipping. Shipping shall be strictly in accordance with the sequence stipulated in the agreed programme. Payment may be held up for items sent in advance of the sequence till they could be erected.

All packing shall allow for easy removal and checking at site. Special precautions shall be taken against rusting, corrosion, breakage or damage otherwise of the materials. All parts shall be adequately braced to prevent damage in transit.

Each bundle, bale or package delivered under this contract shall be marked on as many sides as possible and such distinct marking (all previous irrelevant markings being carefully obliterated) shall show the following:

- (a) Name and address of the consignee
- (b) Name and address of the consignor
- (c) Gross weight of the package in tonnes and its dimensions
- (d) Identification marks and/or number of the package
- (e) Custom registration number, if required

All markings shall be carried out with such materials as would ensure quick drying and indelibility.

Each component or part or piece of material when shipped, shall be indelibly marked and/or tagged with reference to assembly drawings and corresponding piece numbers.

Each packing case shall contain in duplicate in English a packing list pasted on to the inside of the cover in a water proof envelope, quoting especially

- (a) Name of the Contractor
- (b) Number and date of the Contract
- (c) Name of the office placing the contract
- (d) Nomenclature of stores
- (e) A schedule of parts or pieces, giving the parts or piece number with reference to assembly drawings and the quantity of each.

The shipping dimensions of each package shall not exceed the maximum dimensions permissible for transport over the Indian Railways/Roads.

After delivery of the materials at site, all packing materials shall automatically become the property of the Owner without any extra payment.

Notwithstanding anything stated here in before, any loss or damage resulting from inadequate packing shall be made good by the Contractor at no additional cost to the Owner. When facilities exist, all shipments shall be covered by approved Insurance Policy for transit at the cost of the Contractor.

The contractor shall ship the complete materials or part on board a vessel belonging to an agency approved by the Owner or on rail and/or road transport as directed. The Contractor shall take all reasonable steps to ensure correct appraisal of freight rates, weights and volumes and in no case will the Owner be liable to pay any warehouse,

wharfage, demurrage and other charges. If, however, the Owner has to make payment of any of the above mentioned charges, the amount paid will be deducted from the progressive bills of the Contractor.

Necessary advice regarding the shipment with relevant details shall reach the Engineer at least a week in advance.

ERECTION OF STRUCTURAL STEELWORK:

SCOPE:

This specification covers the erection and installation of fabricated structural steelwork in position, with transportation from fabrication yard/shop to actual location of erection painting and grouting the stanchion bases all complete as per Drawings, this Specification and other provision of the Contract.

GENERAL: Work to be provided for by the Contractor:

The work to be provided for by the Contractor, unless otherwise specified in the Contract, shall include but not be limited to the following:

- (a) The Contractor shall provide all construction and transport equipment, tools, tackle, consumables, materials, labour and supervision required for the erection of the structural steelwork.
- (b) Receiving, unloading, checking and moving to storage yard at Site including prompt attendance to all insurance matters as necessary for all fabricated steel materials arriving at Site. The Contractor shall pay all demurrage and/or wharfage charges etc. on account of default on his part.
- (c) Transportation of all fabricated structural steel materials from Site storage yard, handling, rigging, assembling, bolting, welding and satisfactory installation of all fabricated structural steel materials in proper location according to approved erection drawings and/or as directed by the Engineer. If necessary suitable temporary approach roads to be built for transportation of fabricated steel structures.
- (d) Checking center lines, levels of all foundation blocks including checking line, level, position and plumb of all bolts and pockets any defect observed in the foundation shall be brought to the notice of the Engineer. The Contractor shall fully satisfy himself regarding the correctness of the foundations before installing the fabricated steel structures on the foundation blocks.
- (e) Aligning, plumbing, leveling, bolting, welding and securely fixing the fabricated steel structures in accordance with the Drawings or as directed by the Engineer.
- (f) Painting of the erected steel structures if required by the Contract.
- (g) All minor modifications of the fabricated steel structures as directed by the Engineer including but not limited to the following:
 - i) Removal of bends, kinks, twists etc. for parts damaged during transport and handling.
 - ii) Cutting, chipping, filling, grinding etc. if required for preparation and finishing of site connections.
 - iii) Reaming of holes for use of higher size bolt if required.
 - iv) Welding of connections in place of bolting for which holes are either not drilled at all or wrongly drilled during fabrication. Welding in place of bolting will be permitted only at the discretion of the Engineer.
 - v) Re-fabrication of parts damaged beyond repair during transport and handling or re-fabrication of parts which are incorrectly fabricated.
 - vi) Fabrication of parts omitted during fabrication by error, or subsequently found necessary.
 - vii) Drilling of holes which are either not drilled at all or are drilled in incorrect location during fabrication.
 - viii) Carry out tests in accordance with this Specification if directed.

Codes and Standards:

All work under this Specification shall, unless specified otherwise, conform to the latest revisions and/or replacements of the following or any other Indian Standard Specification and codes of Practice of equivalent:

Sl. No.	IS Code	Description
1	IS: 800	Code of Practice for general construction in steel
2	IS: 456	Code of Practice for plain or reinforced concrete
3	IS: 7205	Safety Code for erection of Structural Steel work
4	IS: 12843	Tolerance for erection of Steel Structures

Conformity with designs:

Contractor will erect the entire fabricated steel structure, align all the members, complete all field connections and grout the foundations all as per the provisions of this specification and the design criteria detailed in the approved erection drawings and/or other stated document. All work shall conform to the provisions of the relevant Indian Standard Specifications and/or the instructions of the engineer. The testing and acceptance of the erected structures shall be in accordance with the provisions of this Specification and/or the instructions of the Engineer.

Material:**General:**

Contractor for fabrication work through the Owner. The Contractor for erection work will take delivery of all the materials from the Owner's Stores or storage yard at Site. The Contractor may also have to take delivery directly from railway wagons or trucks at Site as per terms & condition of the contract, in which case he shall have to unload the materials and perform all formalities like checking of materials and attend to insurance matters in accordance with Sub Clause 2.1.0 and as specified herein before.

While taking delivery, the Contractor will check the quantity, quality and the sizes of the materials and verify the adequacy of the same in accordance with the Drawings and Specifications. In case the Contractor finds any material inadequate, he shall inform the Engineer immediately prior to taking delivery of the same. No claim whatsoever, in respect of bad quality, shortages or difference in size will be entertained once the delivery is taken and the Contractor shall make good any such deficiency, if detected later, either by repair or with fresh material as may be directed by the Engineer at the Contractor's Own cost.

Excepting all field connection materials like bolts, nuts, washers and electrodes, which will be supplied by the fabrication Contractor to the extent of 10% in excess of the estimated requirements as per Drawings, all other consumables like oxygen and acetylene gas, paints, fuels, lubricants, oil, grease, cement, sand, aggregates and any other material that may be required for the execution of the works in accordance with the contract will be supplied by the contractor for erection work and will be deemed to have been included in this rates.

29.OPLANTS AND EQUIPMENT TO BE PROVIDED BY THE CONTRACTOR:

- (a) Concrete Mixture Machine - 02 Nos.
- (b) Concrete Vibrator (Needle Type) - 02 Nos.
- (c) Sump Pump - 2 No.
- (d) Cube mould (150mm x 150mm x 150mm) - 9 Nos.
- (e) Welding and cutting set - 2 No.
- (f) Slump Cone- 4 Nos.
- (g) Dumper- 4 Nos.
- (h) Excavator- 2 No.
- (i) Crane for installation of truss- 2 No.

30.OSPECIAL TERMS & CONDITIONS (SCOPE OF WORK FOR ELECTRICAL WORKS:

- 30.1 The scope of work in general includes schedule of Rates enclosed in the commercial section of the bidding document. Further, it includes any other work not specifically mentioned but are required to complete the work as per specifications/drawings and Instruction of Engineer In charge.
- 30.2 Scope of work shall be read in conjunction with Item Description of the Schedule of rates and contractor's scope shall include all activities of work specified in the item description of Schedule of Rates.

Rates shall include all cost for the performance of the item considering all parts of the bidding document. In case any activity though specifically not covered in description of item under " Schedule of Rates" but is required to complete the work which could be reasonably implied / informed from the content of Bidding document, the cost for carrying out such activity of work shall be deemed to be included in the item rate.

- 30.3 The contractor shall supply all the materials, instruments, equipments, tools & tackles required for the completion of work in all respect as per requirement at their sole cost & expenses.
- 30.4 The work shall be executed as per direction/instruction of Engineer-in-Charge/Site Engineer. Th contractor shall cary out the job as per SOR Decision of owner shall be final and binding in all matters namely procurement, work execution during installation, and adherence of time frame.
- 30.5 Specification of all the material supplied by contractor should be as per relevant IS/IEC code. CONTRACTOR must submit all relevant datasheets, catalogue etc having all relevant technical specifications for all the items & approval to be taken from OIL prior to procurement.
- 30.6 The Contractor or his authorized sub-contractor shall have valid Electrical Contractor's License issued by competent authority.
- 30.7 Supply, installation, testing and commissioning of flameproof as well as safe area type instruments & electrical items viz. pressure transmitter, temperature transmitter, push-button control stations, junction boxes, welding receptacles, UPS etc. as per SOR, MTO, AFC layouts.
- 30.8 Supply, installation of all lighting system equipment/ material (such as lighting fixtures complete with lamps, flameproof and safe area/Flameproof lighting and power panels, space heater panels, junction boxes, switches, sockets etc.) & testing and commissioning of complete lighting system is under Contractor's scope.
- 30.9 Supply, laying & termination of all LT power cables, control cables, instrumentation cables as per cable schedules, directions of Engineer-in-charge, OIL's standard and recommended practices, laid in concrete-lined trenches, pipes, road crossings, etc.
- 30.10 Supply, installation of all lighting system equipment/ material & testing and commissioning of complete lighting system of the outdoor facilities & indoor facilities of scraper trap area, RTU Building, Security Building and area covered under this tender
- 30.11 Supply, installation & connection of GI /Copper Strips, Chemical Earth pits, Earth Electrodes for Chemical earthing, GI Earth Plates & Copper Earth Plates for Earthing Protection, Lightning Protection & Clean Earth System. These shall be carried out by the Contractor as per the estimated quantities indicated in the SOR, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.
- 30.12 Supply, installation, testing and commissioning of LAN sockets & wiring etc.
- 30.13 Complete cabling for Power, Control, lighting, plant communication, telephone, including various packages, GI pipes for cable protection above ground, floor sleeves, supports, cable markers, identification tags, G.I. saddles and all other associated accessories within the package battery limits.
- 30.14 Contractor to note that the exact cable routing shall be decided at site based on actual site conditions. As such Contractor to note that cable schedules to be issued by Owner shall be with estimated cable quantities. Exact cable quantities shall be based on actual measured route lengths at site by Contractor in coordination with Engineer-in-Charge/Client. Contractor shall ensure that there is no surplus or shortage of cables at site and procure cables accordingly. Contractor shall note that payment for supply of cables shall be made as per actual laid cables at site.
- 30.15 The Cable Laying Work shall be carried out as per relevant Indian Standard Specifications & Guidelines stipulated by Statutory Authorities (e.g., CEA Regulation / Factory Act etc) as well as directed by OIL's EIC.

- 30.16 All the cables will be supplied by the contractor. Contractor must test the cables before laying. However, testing equipment like Meggar etc will be in the scope of contractor.
- 30.17 Prior to laying, the contractor must ensure the Insulation Resistance Test & Continuity Test in the cables. The same shall be repeated after the laying work also.
- 30.18 All LT cables shall be laid in the cable trench as per the drawing/direction of EIC. Suitable size G.I. pipe shall be provided at all roads and drain crossings. Road and drain crossings may be undertaken either by open cut or by boring as per instruction of EIC. Necessary surface restoration after laying of cable shall be carried out by the contractor.
- 30.19 Contractor must bear the cost for any damage incurred in the cable during laying work & rectify the same without any cost implication to OIL.
- 30.20 The contractor shall deploy only qualified supervisory personnel who are well conversant/experienced and authorized for this type of work. Any instruction given by the owner to the competent/ supervisory person shall be construed as having been given to the contractor.
- 30.21 All men, material, equipment, tools & tackles required for carrying out the job, transportation to worksite, boarding and lodging is in the scope of contractor.
- 30.22 Contractor shall be fully responsible for safety and protection of all their personnel & equipment deployed for the job. Every person deployed by the contractor at the work site must wear safety gadgets to be provided by the contractor.
- 30.23 Any compensation arising due to accident of contractor's personnel while carrying out the job will be payable by the contractor only.
- 30.24 It will be imperative on the part of each tenderer to acquaint himself with all conditions and factors which may have any effect or bearing on the execution of works and supplies under the scope of this tender.
- 30.25 The Contractor shall prepare written Safe Operating Procedure (SOP) for any specific work to be carried out. Contractor has to ensure that all work is carried out in accordance with the Statute and SOP and for the purpose he may deploy adequate qualified and competent personnel for the purpose of carrying out the job in a safe manner.
- 30.26 Necessary Cold/ Hot Work/ Electrical Isolation/ Energisation / Work at Height etc. are to be obtained from authorized personnel before starting of jobs wherever applicable.

Note: 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.

D. GENERAL HEALTH, SAFETY & ENVIRONMENT (HSE) POINTS:

1. 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.

2. The Contractor shall ensure complete safety of the personnel and all the equipment engaged by him. They shall take full responsibility for their safety.
3. Contractor's arrangements for health and safety management shall be consistent with those for the company (OIL).
4. 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.
5. 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.
6. 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.
7. 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 Devices (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.
8. All safety gears as per requirement of job are to be provided to the working personnel before commencement of the work.
9. 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).
10. 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.
11. In case of deviation of SOP or non-availability of SOP, Job Safety Analysis (JSA) shall be carried out before commencement of the work.
12. 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.
13. 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.
14. The Contractor or his representative shall arrange tool bod meetings and regular site safety meetings and maintain records.

15. 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.
16. OIL will communicate all information to the Contractor or his authorized representative only. Contractor shall submit details of authorized representative wherever applicable.
17. The Contractor shall have to report all incidents including near miss to the representative of OIL.
18. 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.
19. 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.
20. The Contractor should prevent frequent change of his deployed employees as far as practicable. However, of 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.
21. 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.
22. Barricading of area to be done with reflecting tapes as applicable during work.
23. The First-Aid box should be provided by the Contractor and the same has to be kept ready to use at the site.
24. 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.
25. 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.
26. 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.
27. Any requirement arise by the Statutory Authorities during the period of contract shall be applicable and binding for the Contractor.
28. 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.
29. Considering the ongoing Covid-19 pandemic, those who are engaged in the above operations should be followed the Covid-19 Protocol as per the prevailing Government Guidelines.

E. 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.

F. INDEMNITY AND INSURANCE:

1. The contractor shall provide suitable insurance coverage from the date of issuance of work order to the end of defect liability period of the contract for the following events which are due to the contractor's risks, irrespective of whether such loss or damages are caused on account of negligence of the Contractor or their personnel.

- (a) Loss of or damage to the works plants and materials.
 (b) Loss of or damage to the equipment.
 (c) Loss of or damage of property (except the works, plant, materials & equipment) in connection with the contract.
 (d) Physical injury or death of all his manpower deployed by him.
2. In the event of any loss or damage, it shall be the responsibility of contractor to lodge the claim with insurer and Contractor shall put his best effort with the insurer for early settlement of the claim.
3. The policies and certificates for insurance shall be submitted by the contractor to the engineer in charge before the issuance of Work Order. In case, the Contractor fails to arrange the Insurance or arranges insufficient insurance, for the events, as mentioned above against any or all insurable risks, the Contractor shall be solely liable for loss or damage arising from such events or causes.
4. Contractor shall at his own expense arrange, secure, maintain and renew insurance for the events mentioned above throughout the contract period including the defect liability period.
5. **Indemnity Agreement:**
 The contractor shall at all times indemnify and keep indemnified the Company 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 Company.

G. FOREST ROYALTY:

1. 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” (MMDRRF) to be deposited as applicable directly through the website www.assamforestonline.in.
2. The rates of Royalties as per the “Third Schedule” of Notification No PEM 130/2021/40 dated 7th October, 2021.

Sl. No.	Work	Appropriate amount of Royalty of Minor Mineral as percentage of Project Cost excluding taxes as GST, IT etc
I	RCC Building/RCC Work	2.00 %
II	Assam Type Building (Single floor)	1.00 %
III	Assam Type Building (Ground floor + 1 or more)	2.00 %
IV	RCC Bridge Work	2.00 %
V	DBM & BC Work	2.00 %
VI	Road improvement / Re-construction Work	3.00 %
VII	New Road Construction Work with Bituminous Work	6.00 %
VIII	New Road Construction Work with ICBP	3.00 %
IX	Earth Work/ Ordinary Clay	9.00 %
X	Earth Work along with Geobag Protection Work	3.50 %
XI	Earth Work along with Boulder Protection Work	5.50 %
XII	River Protection Work with Boulder	4.00 %
XIII	River Protection Work with Geobag	1.50 %
XIV	River Protection Work with Boulder and Geobag	2.00 %
XV	Head work/Brick work of Irrigation projects	4.00 %
XVI	Pradhan Mantri Awas Yojana (PMAY)	1.00 %

3. 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).
4. 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 & MMDRRF against the project. Contractor will be responsible for procurement of material in its own registration and to issue its own e-challan as applicable.

5. 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.
 6. However, OIL will release the final bill only after ensuring that all relevant certificates issued by concerned authority against payment of Forest Royalty, DMFT & MMDRRF are submitted by the contractor to CIVIL-HOD for the job executed.
- H.** 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.
- I.** 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.
- J.** 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 dated 6th Jan 2017 available at OIL's website.
- K.** Defect liability period shall be **6 months** beyond the date of completion of works as certified by Engineer-In-Charge. During defect liability period, all corrective works shall be carried out entirely at Contractor's own expenses. If such corrective works are not carried out within a reasonable time, the Company, at its discretion, may have such remedial works carried out by other agencies and charge the cost thereof to the Contractor. This amount shall be deducted from contractor's bill/ Retention money/ Performance security.
- L. 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.

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:** All materials to be supplied by the contractor except cement. The Cement will be issued to the contractor from Duliajan materials Godwon at free of cost as per CPWD specification.
 - 2) **PLANTS AND EQUIPMENT:** Company will provide Road Roller only on specific items, as mentioned in the detailed description of the items.

NOTE:

- (i) All empty cement bags must be returned to the Duliajan Materials Godown after use of the cement failing which Rs 8.00 (Rupees Eight only) per bag for empty cement bags will be recovered from the Contractor's bill.
- (ii) The Contractor is to arrange transport of the above materials within the site of work and for safety thereof for which no extra payment will be made.
- (iii) Materials issued to Contractor must be under proper watch & ward so that no part is pilfered. If any pilferation takes place the matter will be referred to appropriate Govt. authorities for legal action as well as realization of the materials issued.
- (iv) Cement issued to Contractor by the Company is meant only for the specific Company work relating to the Contract. However, if any quantity of Cement is left over from the quantities issued for any reason whatsoever, on the completion / cancellation / termination of the Contract the same shall have to be returned to the Company in full within one week of completion/cancellation of the work failing which the matter will be referred to appropriate Govt. authorities for legal action as well as realization of the Cement.
- (v) All other materials issue to the Contractor by the Company if subsequently found to be in excess of the actual requirement will have to be returned by the Contractor within two weeks of completion of the work failing which the cost of all such materials will be recovered from the Contactor at double the value of materials.

**To,
CGM-CONTRACTS (HOD)
OIL INDIA LIMITED
DULIAJAN-786602**

SUB: SAFETY MEASURES

DESCRIPTION OF WORK/SERVICE: Construction of New Repeater Station (RS-19) for Duliajan - Digboi Pipeline at Kathalguri, Jorajan area, Assam. All civil engineering & Electrical works are to be done by contractor excluding supply of cement.

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)

Date_____

Yours Faithfully

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 New Repeater Station (RS-19) for Duliajan - Digboi Pipeline at Kathalguri, Jorajan area, Assam. All civil engineering & Electrical works are to be done by contractor excluding supply of cement.”** 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 take the responsibility of the adoption of IP by the sub-contractor. It is to be ensured that all sub-contractors also sign the IP. In case of sub-contractors, the IP will be a tri-partite arrangement to be signed by the Organization, the contractor, and the sub-contractor.

- 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.

For the Principal

For the Bidder/Contractor

Place: Duliajan.

Witness 1:

Date:

Witness 2:

(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. CDC5354P24

(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 Tenderfor(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.)

Place:

Date:

Seal:

UDIN:

Membership No. :

Registration Code. :

Signature

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 be 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 30 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.

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 be 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) Address _____

Note:

- * The Bidder should insert the amount of the guarantee in words and figures.
- ** Date of expiry of Bank Guarantee should be minimum 30 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:
 - 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.

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

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. CDC5354P24.**

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		

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. CDC5354P24

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)

**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. CDC5354P24

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 2022-2023 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.*

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. CDC5354P24

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.

DECLARATION ABOUT BIDDER'S FINANCIAL STANDING

**To,
CGM-CONTRACTS
OIL INDIA LIMITED
DULIAJAN - 786602**

Sub: Undertaking/Declaration regarding financial standing

Ref: Tender No. **CDC5354P24**

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)

**DECLARATION THAT BIDDER IS NOT UNDER HOLIDAY
LIST/DELISTED/BLACKLISTED/DEBARRED IN OIL**

**To,
CGM-CONTRACTS
OIL INDIA LIMITED
DULIAJAN - 786602**

Sub: Undertaking/Declaration regarding Holiday List, debarment etc.

Ref: Tender No. **CDC5354P24**

We, _____ (Name of the bidder) 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.

Place: _____

Date: _____

(Name & Signature of the authorised
signatory of the bidder)

**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:

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. **CDC5354P24**

Dear Sirs,

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)

**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)

**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)

UNDERTAKING BY BIDDER IN RESPECT OF QUOTED PRICE AGAINST TENDER NO. CDC5354P24

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).