

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
CGI8579P25	CONSTRUCTION OF TWO NOS. OF EMPLOYEE RESIDENTIAL BUILDINGS AT PS-3, JORHAT, ASSAM INCLUDING ELECTRIFICATION WORKS AND SUPPLY OF ALL MATERIALS EXCEPT CEMENT.	₹ 1,80,100.00 /-	NIL

Bid Closing / Opening Date & Time for the above work: As per online data.

Bidder shall require User ID and Password for online submission of Bid.

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

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

No physical Bid documents will be issued. The details of IFB can be viewed using “Guest Login” provided in the E-Procurement portal and also in OIL's web site www.oil-india.com. The link to OIL's E-Procurement portal has also been provided through OIL's web site www.oil-india.com.

All corrigenda, addenda, amendments, time extension, clarifications etc. to the tender will be hosted on the OIL's website and in the e-tender portal only and no separate notification shall be issued in the press. Prospective bidders are requested to regularly visit the website and e-portal to keep them updated.

SR. MANAGER-CONTRACTS
For GM-CONTRACTS (HOD)
For EXECUTIVE DIRECTOR-PLS

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 **TWO BID SYSTEM** through its e-Procurement site:

DESCRIPTION OF WORK/ SERVICE: CONSTRUCTION OF TWO NOS. OF EMPLOYEE RESIDENTIAL BUILDINGS AT PS-3, JORHAT, ASSAM INCLUDING ELECTRIFICATION WORKS AND SUPPLY OF ALL MATERIALS EXCEPT CEMENT.

LOCATION OF WORK: **PUMP STATION-3, OIL, JORHAT, ASSAM / PS-3, PIPELINE OPERATION**

PERIOD OF WORK COMPLETION: **1 (ONE) YEAR FROM THE DATE OF ISSUE OF WORK ORDER**

BID CLOSING/ OPENING DATE & TIME: **As per online data**

BID SECURITY DEPOSIT: ₹ 1,80,100.00 (Rupees One Lakh Eighty Thousand and One Hundred 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.

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 GUWAHATI. 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 **150 (One Hundred Fifty) days** from the original date of bid closing.

- b. Alternately Bid Security can also be paid through NEFT / RTGS / Insurance Surety Bond/ Electronic Fund Transfer through Online Payment Gateway of OIL's e-tender portal (subject to credit in OIL's account within prescribed time) to designated account of OIL.
- i. Bid Security amount through NEFT or RTGS mode may be deposited on or before bid closing date and time to the following designated OIL's bank account:

Bank Details of Beneficiary: OIL INDIA LIMITED		
a	Bank Name	AXIS BANK LIMITED
b	Branch Name	GUWAHATI
c	Branch Address	CHIMBER HOUSE, G.S. ROAD, DISPUR ASSAM
d	Bank Account No.	140010200027654
e	Type of Account	CASH CREDIT ACCOUNT
f	IFSC Code	UTIB0000140
g	MICR Code	781211002
h	SWIFT Code	Axisinbb140
i	Contact No.	8876501401
J	Fax No.	Not available
k	Email Id	Guwahati.branchhead@axisbank.com

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

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

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

SL.NO.	BANK NAME	SL.NO.	BANK NAME
1	AU Small Finance Bank	18	Indian Bank
2	Axis Bank	19	Indian Overseas Bank
3	Bank of Baroda	20	IndusInd Bank
4	Bank of India	21	Karnataka Bank
5	Bank of Maharashtra	22	Karur Vysya Bank
6	Canara Bank	23	Kotak Mahindra Bank
7	Central Bank of India	24	Punjab and Sind Bank
8	City Union Bank	25	Punjab National Bank
9	DBS Bank	26	RBL Bank
10	DCB Bank	27	Standard Chartered
11	Dhanlaxmi Bank	28	State Bank of India
12	Federal Bank	29	South Indian Bank
13	HDFC Bank	30	Tamilnad Mercantile Bank Ltd.
14	HSBC Bank	31	UCO Bank
15	ICICI Bank	32	Union Bank of India
16	IDBI Bank	33	Yes Bank
17	IDFC First Bank		

BENEFICIARY DETAILS FOR ISSUE OF ELECTRONIC BANK GUARANTEE (e-BG)		
A	Name	OIL INDIA LIMITED
B	PAN	AAACO2352C
C	Date of Incorporation	18-02-1959
D	Email ID	bikram_chakraborty@oilindia.in
E	Mobile No	9954067677
F	Local Address	Oil India Limited, PHQ, Narangi
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 GM-CONTRACTS on or before 12.45 p.m. (IST) on the bid closing / opening date otherwise bid will be rejected.
- e. Submission of Bid Security in the form of Insurance Surety Bond: In case the Bid Security is submitted in the form of Insurance Surety Bond (as per **ANNEXURE-XVII**) then the following instructions are to be followed:
- i. The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI).
 - ii. The Company shall be the Creditor, the Bidder shall be the Principal debtor and the Insurance company/Insurer shall be the Surety in respect of the Insurance Surety Bond to be issued by the Insurer.
 - iii. The Insurance Surety Bond should be on Non-Judicial stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the state(s) where the Insurance Surety Bond is submitted or is to be acted upon or the rate prevailing in State where the Insurance Surety Bond is executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Bidder/Insurer issuing the Insurance Surety Bond.
 - iv. The expiry date and values should be arrived at in accordance with instructions provided in the "Introduction" of the Tender.
 - v. The Insurance Surety Bond by bidders will be given from Insurer as specified in the Tender.
 - vi. A letter from the issuing insurer of the requisite Insurance Surety Bond confirming that the said Insurance Surety Bond / all future communication relating to the Insurance Surety Bond shall be forwarded to the Purchaser at its address as mentioned at "ITB".
 - vii. Bidder must indicate the full postal address of the Insurer along with the Insurer 's E-mail / Phone from where the Insurance Surety Bond has been issued.
 - viii. Bidder must indicate Name, Address, contact number and official Email ID of the Controlling Office of the Surety Issuing Branch or any web portal link, from whom / where the Surety Bond can be got confirmed by the Company.
- f. A scanned copy of Bid Security document should also be uploaded along with the Unpriced Techno-Commercial Bid documents.

- g. This Bid Security Deposit shall be refunded to all unsuccessful bidders but is liable to be forfeited in full or part, at Company's discretion, as per Clause No. 2.8 below. Bids without Bid Security Deposit in the manner specified above will be summarily rejected.
- h. Bid Security/EMD submitted in the form of Fixed Deposit is not acceptable and will be rejected straightway.
- i. No other mode of payment will be accepted by the Company. The Bid Security shall not earn any interest to the Bidder from the Company.

Note:

- i. Bidders claiming waiver of Bid Security shall upload supporting documents as mentioned in **Para No. 2.12** below along with technical bid.
 - ii. Any offer not accompanied with the Bid Security shall be treated as invalid and summarily rejected unless the bidder is exempted from submission of Bid Security as per Bid Security Exemption Criteria of this tender and proper proof towards this exemption is submitted by the bidder. Any subsequent deposit of Bid Security after the bid closing date shall not be permitted. Also, adjustment of Bid Security due against the instant tender, against dues from the Company or on any account shall not be permitted.
- 2.3 Any bid not secured in accordance with sub-clause 2.2 above shall be rejected by the Company as non-responsive.
 - 2.4 The bidders shall extend the validity of the Bid Security suitably, if and when specifically advised by OIL, at the bidder's cost.
 - 2.5 Unsuccessful Bidder's Bid Security will be discharged and / or returned within 30 days after finalization of the Tender.
 - 2.6 Successful Bidder's Bid Security will be discharged and / or returned upon Bidder's furnishing the Performance Security and signing of the contract.
 - 2.7 Bid Security shall not accrue any interest during its period of validity or extended validity.
 - 2.8 The Bid Security may be forfeited:
 - a. If the bidder withdraws the bid within its original / extended validity.
 - b. If the bidder modifies / revises their bid suo-moto within its original / extended validity.
 - c. If the bidder does not accept the contract.
 - d. If the bidder does not furnish Performance Security Deposit within the stipulated time as per tender / contract.
 - e. If it is established that the bidder has submitted fraudulent documents or has indulged into corrupt and fraudulent practice, the bid security shall be forfeited after due process in addition to other action against the bidder.
 - 2.9 In case any bidder withdraws their bid during the period of bid validity, Bid Security 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) MT760/ MT760 COV for issuance of bank guarantee.
- (ii) MT767/ MT767 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 Axis Bank, Guwahati Branch, IFS Code- UTIB0000140, Branch Address – Axis Bank Ltd, Guwahati Branch, Chibber House, G S Road, Dispur, Assam, PIN- 781005. The Bank details are as under:

Bank Details of Beneficiary		
A	Bank Name	Axis Bank
B	Branch Name	Chibber House, G S Road
C	Branch Address	Chibber House, G S Road, Dispur, Assam, PIN- 781005
D	IFSC Code	UTIB0000140
E	MICR Code	781211002
F	Company Name	Oil India Limited
H	SWIFT Code	AXISINBB140

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

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

Note:

- a) The Purchase Preference Policy for MSE bidders shall not be applicable in this tender.

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

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

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

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

- 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	Axis Bank
b	Branch Name	Chibber House, G S Road
c	Branch Address	Chibber House, G S Road, Dispur, Assam, PIN- 781005
d	Bank Account No.	UTIB0000140
e	Type of Account	781211002
f	IFSC Code	Oil India Limited
g	MICR Code	AXISINBB140
h	SWIFT Code	Axis Bank

- 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.**

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

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

SL.NO.	BANK NAME	SL.NO.	BANK NAME
1	AU Small Finance Bank	18	Indian Bank
2	Axis Bank	19	Indian Overseas Bank
3	Bank of Baroda	20	IndusInd Bank
4	Bank of India	21	Karnataka Bank
5	Bank of Maharashtra	22	Karur Vysya Bank
6	Canara Bank	23	Kotak Mahindra Bank
7	Central Bank of India	24	Punjab and Sind Bank
8	City Union Bank	25	Punjab National Bank
9	DBS Bank	26	RBL Bank
10	DCB Bank	27	Standard Chartered
11	Dhanlaxmi Bank	28	State Bank of India
12	Federal Bank	29	South Indian Bank
13	HDFC Bank	30	Tamilnad Mercantile Bank Ltd.
14	HSBC Bank	31	UCO Bank
15	ICICI Bank	32	Union Bank of India
16	IDBI Bank	33	Yes Bank
17	IDFC First Bank		

BENEFICIARY DETAILS FOR ISSUE OF ELECTRONIC BANK GUARANTEE (e-BG)		
A	Name	OIL INDIA LIMITED
B	PAN	AAACO2352C

C	Date of Incorporation	18-02-1959
D	Email ID	bikram_chakraborty@oilindia.in
E	Mobile No	9954067677
F	Local Address	Oil India Limited, PHQ, Narangi
G	Registered Address	Duliajan, Dibrugarh, Assam- 786602

- c. 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.
- d. 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 SANDEEP_CHAKRABORTY@OILINDIA.IN](mailto:bid_SANDEEP_CHAKRABORTY@OILINDIA.IN)

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

- f. In case the Performance Security is submitted in the form of Insurance Surety Bond (as per **Annexure-XVIII**), then the following instructions are to be followed:
- The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI).
 - The Company shall be the Creditor, the Contractor shall be the Principal debtor and the Insurance company/Insurer shall be the Surety in respect of the Insurance Surety Bond to be issued by the Insurer.
 - The Insurance Surety Bond should be on Non-Judicial stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the state(s) where the Insurance Surety Bond is submitted or is to be acted upon or the rate prevailing in State where the Insurance Surety Bond is executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Contractor/ Insurer issuing the Insurance Surety Bond.
 - The expiry date and values should be arrived at in accordance with instructions provided in the "Introduction" of the Tender.
 - The Insurance Surety Bond by Contractors will be given from Insurer as specified in the Tender.
 - A letter from the issuing insurer of the requisite Insurance Surety Bond confirming that the said Insurance Surety Bond / all future communication relating to the Insurance Surety Bond shall be forwarded to the Purchaser at its address as mentioned at "ITB".
 - Contractor must indicate the full postal address of the Insurer along with the Insurer 's E-mail / Phone from where the Insurance Surety Bond has been issued.
 - Contractor must indicate Name, Address, Contact number and official Email ID of the Controlling Office of the Surety Issuing Branch or any web portal link, from whom / where the Surety Bond can be got confirmed by the Company.

- g. No other mode of payment other than the mode covered under Point Nos. a. & b. will be accepted by the Company.
- 3.2 Performance Security shall not accrue any interest during its period of validity or extended validity.
- 3.3 The Bank Guarantee issuing bank branch must ensure the following:
The Bank Guarantee issued by the bank must be routed through SFMS platform as per the following details:
- (i) MT 760/MT 760 COV for issuance of bank guarantee.
 - (ii) MT 760/MT 767 COV for amendment of bank guarantee.

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

The above message/intimation shall be sent through SFMS by the BG issuing Bank branch to Axis Bank, Guwahati Branch, IFS Code- UTIB0000140, Branch Address – Axis Bank Ltd, Guwahati Branch, Chibber House, G S Road, Dispur, Assam, PIN- 781005. The Bank details are as under:

Bank Details of Beneficiary		
A	Bank Name	Axis Bank
B	Branch Name	Chibber House, G S Road
C	Branch Address	Chibber House, G S Road, Dispur, Assam, PIN- 781005
D	IFSC Code	UTIB0000140
E	Unique identifier code (Field 7037)	781211002
F	Company Name	Oil India Limited
H	SWIFT Code	AXISINBB140

- 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** The tender is invited under SINGLE STAGE TWO BID SYSTEM. The bidder has to submit the "Un-Priced Techno-Commercial" and "Price-Bid" through electronic form in the OIL's e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender portal. The Technical Bid is to be submitted as per Scope of Work & Technical Specifications along with all technical related documents related to the tender are to be uploaded under Technical RFx Tab. The Price Bid rates shall be quoted as

specified in the “PRICE BID FORMAT” and to be attached as attachment under the Notes & attachment tab. The price quoted in the “PRICE BID FORMAT” will only be considered for evaluation.

Please note that no price details should be uploaded under Technical RFx. Details of prices as per Price Bid format / Priced bid can be uploaded as Attachment under Notes & Attachment Tab. Offer not complying with above submission procedure will be rejected.

In case of identical bidding, Draw of Lots shall be conducted amongst the techno-commercially acceptable L1 bidders who have quoted the lowest price, to select successful bidder.

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

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

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

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

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

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

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

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

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

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

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

(b) No bid can be modified / withdrawn subsequent to the deadline for submission of bids. No Bidder can withdraw his bid within the validity or extended validity of the bid. Withdrawal of any bid within bid validity period will lead to forfeiture of his/her/their Bid Security/Performance Security in full and

debarment from participation in future tenders, at the sole discretion of the Company and the period of debarment will be decided as per OIL's banning policy available at OIL's website.

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

11.0 The Bid must be valid for 120 (One Hundred Twenty) 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 evidence (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 PL or his representative, to assess the nature and extent of work and the conditions under which it will be carried out.
- Bidder(s) should clearly understand all the terms & conditions, criteria, specification etc. of this tender.

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

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

20.0 The amount of retention money shall be released after 6 (six) months from the date of completion certified by the concerned department.

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

22.0 Bidders shall submit a declaration as per **Annexure-XII** confirming that neither the bidder nor any of their allied concerns, partners or associates or directors or proprietors involved in any capacity, are currently put on holiday list/ banning list by OIL debaring them from carrying on business dealings with OIL.

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

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

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

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

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

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

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

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

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

32.0 Bidder(s) must also furnish the followings:

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

33.0 The tender will be governed by :

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

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

35.0 Both "TECHNICAL" and "PRICED" Bids should be submitted on-line through OIL's e-Tender Portal up to scheduled bid closing date and time and will be opened on the scheduled bid opening date and time as mentioned in e-tender portal at Office of the GM-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.

18.0 The tender is invited under SINGLE STAGE TWO BID SYSTEM. The bidder has to submit the "Un-Priced Techno-Commercial" and "Price-Bid" through electronic form in the OIL's e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender portal. The Technical Bid is to be submitted as per Scope of Work & Technical Specifications along with all technical related documents related to the tender are to be uploaded under Technical RFx Tab. The Price Bid rates shall be quoted as specified in the "PRICE BID FORMAT" and to be attached as attachment under the Notes & attachment tab. The price quoted in the "PRICE BID FORMAT" will only be considered for evaluation.

Please note that no price details should be uploaded under Technical RFx. Details of prices as per Price Bid format / Priced bid can be uploaded as Attachment under Notes & Attachment Tab. Offer not complying with above submission procedure will be rejected.

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

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

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

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

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: tmbhasin@gmail.com have been appointed as Independent External Monitors.

37.0 SCREEN SHOT:

A few screen shots to find out the required IFB is shown below.

Notes and Attachments → Only Price Details Should Be Uploaded

Technical attachments → All technical bid documents except price details

Please do refer “**NEW INSTRUCTION TO BIDDER FOR SUBMISSION**” for the above two points and also please refer “ **New Vendor Manual (effective 12.0.2017)** ” available in the login Page of the OIL’s E-tender Portal.

Regarding new bid submission procedure (effective from 12.04.2017 onwards), please refer **new vendor manual** available in OIL’s E-tender Site:



Oil India Limited e-Procurement

User ID *

Password *

Logon Problems? [Get Support](#)

[Supplier Enlistment for E-Tender](#)

[Important Note for New Portal Users:](#)

[Click here to View Compatibility Settings](#)

[General Guidelines to bidders](#)

[Click for User Manuals](#)

[Click here for the New Manual & Instruction](#)

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[Click for Terms of use, Privacy Policy, Refund Policy Docs](#)

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.

E-TENDER NO.: **CGI8579P25**

COVERING LETTER

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

SR. MANAGER-CONTRACTS
For GM-CONTRACTS (HOD)
For EXECUTIVE DIRECTOR-PLS

BID EVALUATION CRITERIA & BID REJECTION CRITERIA FOR THE TENDER

(A) BID EVALUATION CRITERIA (BEC):

1. All the documents related to BEC must be submitted along with the Techno-Commercial Bid. Otherwise, the bid will be considered as non-responsive and rejected.
2. Interested bidders shall have to submit the following documents to qualify for opening of the Price Bid:

1.0 ELIGIBILITY:

- i) The applicant should be a private or government-owned legal entity.
- ii) Bidder should have valid registration with Employees Provident Fund organization under 'EPF and Miscellaneous Provisions Act, 1952'.
- iii) A firm that has been engaged by the Company to provide consultancy services for the preparation or implementation of a project, and any of its affiliates (associates, subsidiary, JV partner), shall not be eligible for subsequently providing goods or works (other than a continuation of the firm's earlier consultancy services) for the same project.

Note:

- a) Original Bid Closing Date shall be considered for evaluation of BRC Criteria in case of any extension of the bid closing date.
- b) A job executed by a bidder for its own organization/subsidiary cannot be considered as experience for the purpose of meeting BEC.
- c) Joint Venture / Consortium: Joint Ventures / consortium are not permitted.

1.1 TECHNICAL CRITERIA.

(A) EXPERIENCE:

The bidder must have successfully executed/completed similar Works over the last 7 (seven) years reckoned from the Original Bid Closing Date in Central/State Government/ PSUs/ Nationalized Banks/ Public Limited Company listed in the stock exchange duly supported with TDS certificate in evidence of the value of work as under –

1. One similar completed works each costing not less than the amount equal to **Rs. 2,88,15,793.00** (excluding GST); or
2. Two similar completed works each costing not less than the amount equal to **Rs. 1,80,09,871.00**; (excluding GST); or
3. Three similar completed works each costing not less than the amount equal to **Rs. 1,44,07,896.00** (excluding GST).

Submission of documentary evidence of Public Limited Company listed in stock exchange is the responsibility of bidder. The project for which the above experience is claimed, should have been satisfactorily completed prior to the original date of bid closing. The bidder shall furnish necessary documentary evidences in the form of **completion certificate issued by the client (Project Proponent / Owner)** to whom such service has been rendered. Such Certificate shall be supported by a copy of contract document/ Work Order issued by the client (Project Proponent / Owner) against the said contract. The certificates shall contain at least the following information:

- i. Tender/ Contract/Work Order Number with date.**
- ii. Description of the job**
- iii. Date of Starting & Date of completion of the work.**
- iv. Executed Value of contract**

(Satisfactory supply/completion/installation report (if submitted) should be issued on client's official letterhead with signature and stamp.)

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Note:

- i. **“Similar Works” means Construction of Institutional/ Residential multi-storied RCC framed building (minimum 02 storied i.e. G+1) including Electrification work.**
- ii. Experience of repairing/maintenance nature for Sl. No. (i) above will **not** be considered for evaluation.
- iii. SIMILAR work executed by a bidder for its own organization / subsidiary will **not** be considered as experience for the purpose of meeting BEC.

(B) Electrical License:

(1) The bidder must possess a valid electrical contractor’s licence issued by Electrical Licensing Board, Govt. of Assam. In support of the above, the bidder shall submit a copy of valid electrical contractor’s licence.

Or

(2) The bidder must possess a valid electrical contractor’s licence issued by any State Government Electrical Licensing Board of India other than that of Assam. In support of the above bidder shall submit following documents:

(a) Copy of their valid electrical contractor’s licence.

(b) An undertaking (Proforma -BEC/BRC (1)) stating that on award of contract to them they will submit either a valid Electrical Contractor’s Licence issued by Electrical Licensing Board, Government of Assam in their name or get their Electrical Contractor’s Licence recognized/endorsed by Electrical Licensing Board, Government of Assam for executing the job at Assam.

Or

(3) Engage an electrical contractor with an experience of electrification works in Office/Residential Building in at least seven (07) years reckoned from original bid closing date and holding valid Electrical Contractor’s License issued by Electrical Licensing Board, Govt. of Assam. In case of engaging an electrical contractor, the bidder will submit an undertaking (Proforma -BEC/BRC (1)) stating that on award of contract to them, they will furnish: -

(a) A copy of MoU entered into with the electrical contractor firm towards providing the requisite service as per the terms of the contract.

(b) A copy of valid electrical contractor’s license,

(c) A copy of experience certificate of the electrical contractor in experience of electrification works in Office/Residential Building in at least seven (07) years reckoned from original bid closing date.

(C) EQUIPMENT DEPLOYMENT CRITERIA:

Bidder shall submit an Undertaking on non-judicial stamp paper duly notarized stating that the bidder will deploy minimum plants/ equipment as per Proforma-BEC/BRC (2) all the time to provide uninterrupted service.

(D) MOBILISATION TIME:

The bidders must confirm their compliance in their ‘technical’ bid to start the mobilization within 07 days from the date of issue of Work Order. Offers without confirmation of stipulated mobilization time or with mobilization time more than 07 Days will be summarily rejected. The bidder shall confirm compliance of this in their technical bid.

(E) Other Information /Documents: All Bidders must have to furnish the following information with relevant documents wherever necessary:

a) PF Details / Account No.

b) ESI Registration Number.

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c) The bidder shall furnish names of their affiliates (associates, subsidiary, JV partner).

2.0 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 **₹1,80,09,871.00**.
- b) Net worth of firm/bidder must be **positive** for preceding financial/ accounting year.

Note:

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** 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 affidavit/undertaking along with their technical bid as per **Annexure-IX** certifying that the balance sheet/Financial Statements for the preceding financial year (as the case may be) has actually not been audited as on original bid closing date.

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 made from the sale, supply or distribution of goods or on account of work/ service 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 resources 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 balance sheet, but does not include reserves created out of revaluation of assets, write back of depreciation and amalgamation.

- c) For proof of Annual Turnover & Net worth the following documents must be submitted along with the bid: -
- i) A certificate issued by a practicing Chartered/Cost Accountant (with Membership Number, UDIN and Firm Registration Number), certifying the Annual turnover & Net worth as per Proforma-BEC/BRC (3).
- ii) Audited Balance Sheet along with Profit & Loss account.
- iii) In case the bidder is a 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 to provide documentary evidence for the same.
- (iv) **GST Registration:** The Bidder should have GST Registration. GST Registration Certificate shall be submitted with the tender document.
- (v) Other Information /Documents: All Bidders must have to furnish the following information with relevant documents wherever necessary:
- a) PAN no. (photocopy of the PAN card required).
- b) Goods & Service Tax registration No.
- c) Bank account No. with name of Bank, Type of account, Bank address.

(vi) 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) Disqualification: Even if an applicant meets the eligibility criteria and BEC/BRC, he shall be subject to disqualification if he or any of the constituent partners is found to have:

- (i) Made misleading or false representations in the forms, statements, affidavits and attachments submitted in proof of the qualification requirements, and/ or
- (ii) On account of currency of debarment by Oil India Limited.

3.0 COMMERCIAL EVALUATION CRITERIA.

1.0 The following points are deemed as “non-negotiable”, and offer shall be rejected straightaway without seeking clarification:

- i. Validity of bid shorter than validity indicated in the tender.
- ii. Bid Security
- iii. In case the party refuses to sign Integrity Pact.

1.1 Bids are invited under **SINGLE STAGE TWO BID SYSTEM**. Bidders shall quote accordingly. **Please note that no price details should be furnished in the Technical (i.e. Unpriced) bid.** The “Unpriced Bid” shall contain all techno-commercial details except the prices, which shall be kept blank. The “Price Bid” must contain the price schedule and the bidder’s commercial terms and conditions. Bidder not complying with above submission procedure will be rejected. Bids shall be submitted under single stage Two Bid System i.e., Technical Bid and Priced Bid separately in the OIL’s e-Tender portal. The Technical Bid is to be uploaded as per Scope of Work & Technical Specification of the tender in “Technical Attachments” Tab and Priced Bid uploaded in the “Notes & Attachments” Tab. **Bids shall be rejected outright if the prices are indicated in the technical bids. Bids not conforming to this two-bid system shall be rejected outright.**

1.2 Bid security shall be furnished as a part of the Techno Commercial Un-Priced Bid. The amount and validity of bid security should be as specified in the Forwarding letter/Introduction. Any bid not accompanied by a proper bid security will be rejected. 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

1.3 The prices offered will have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.

1.4 Validity of the bid shall be minimum **120 days** from the final Bid Closing date. Bids with lesser validity will be rejected.

1.5 All the Bids must be Digitally Signed using **Class III digital certificate** (ecommerce application) with ‘Certificate Type: Organization Certificate’ as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than “Class 3” and “Organization” digital certificate, will be rejected. Digital Signature Certificates having “Organization Name” field other than Bidder’s Name are not acceptable. However, aforesaid Digital Signature Certificates having Bidder’s Name in the “Organization Name” field are acceptable. Digital Signature Certificates having “Organization Name” field as “Personal” are not acceptable.

- 1.6 Successful bidder will be required to furnish a Performance Security within 30 days from the date of notification of the award and it should remain valid for a period of 03 (three) months beyond the date of completion of all contractual obligations of the supplier, including warranty / guarantee / defect liability period (if any). Performance guarantee shall be up to 10% of the contract value for which Contractor shall submit a Performance Security amounting to 2.5% of the contract value at the time of award of contract and remaining 7.5% shall be deducted from their running bill(s).
- 1.7 The bid documents are non-transferable. Bid can only be submitted in the name of the bidder in whose name the User ID and Password have been issued & purchased the tender document online.
- 1.8 Bids containing incorrect statement will be rejected.
- 1.9 No offers should be sent by Telex, Cable, E-mail or Fax. Such offers will not be accepted.
- 1.11 To ascertain the inter-se-ranking, the comparison of the responsive bids will be made.
- 1.12 Bidder shall submit the Price Break up as per the Price Breakup Format (Proforma-A). Bidders should fill up the annexure, sign and upload under “Notes & Attachments” >“Attachments” only.
- 1.13 Comparison of offers shall be done on total price quoted and contract shall be awarded to the lowest techno-commercially acceptable L1 bidder.
- 1.14 If there is any discrepancy between the unit price and the total price, the unit price will prevail, and the total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.
- 1.15 Price bids of only those bidders will be opened whose offers are found to be techno-commercially acceptable.
- 1.16 Purchase Preference (Linked with Local Content) (PP-LC) and purchase preference to MSE is not applicable against this tender.
- 1.17 The Integrity Pact is applicable against this tender. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed in 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 signed the bid, i.e., who is duly authorized to sign the 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. The name of the OIL’s Independent External Monitors at present are as under:
- Shri Ram Phal Pawar, IPS (Retd.), Former Director, NCRB, MHA Mobile No.: 8017017878
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
Mob No.: 9810701876
E-mail: ams057@gmai.com
- Dr. Tejendra Mohan Bhasin,
Former Vigilance Commissioner, CVC
E-mail: tmbhasin@gmail.com
- 1.18 No press advertisement will be published regarding amendment to Bidding Document or extension of Bid Closing Date. The same will be uploaded in OIL’s website and informed to all prospective bidders who have received the bidding documents. Bidders to keep themselves updated.

- 1.19 Other terms and conditions of the enquiry shall be as per General Condition of Contract-GCC. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (BEC/BRC) mentioned here contradict the Clauses in GCC of the tender and/or elsewhere, those mentioned in this BEC/BRC shall prevail.
- 1.20 Bid Documents / User Id & Password for OIL's E-Tender portal are not transferable.
- 1.21 Any bid received in the form of Physical document/ Telex/Cable/Fax/E-mail will not be accepted.
- 1.22 There should not be any indication of price in the Un-priced Techno-Commercial Bid. If there is any indication of price in the Un-priced Techno-Commercial Bid, Such Bid will be rejected straightway.
- 1.23 The bidders are advised not to offer any discount/rebate separately and to offer their prices in the Price Bid Format after considering discount/rebate, if any.
- 1.24 Original Bid closing date will be considered for evaluation of BEC/BRC criteria even in case of any extension of the original Bid Closing Date.
- 2.0 Bidder must accept and comply with the following clauses as given in the Bid Document, failing which bid shall be liable for rejection:
 - a. Firm price
 - b. EMD / Bid Bond Bid Security Declaration
 - c. Scope of work
 - d. Specifications
 - e. Price schedule
 - f. Delivery / completion schedule
 - g. Period of validity of bid
 - h. Liquidated Damages
 - i. Performance bank guarantee / Security deposit
 - j. Guarantee of material / work
 - k. Arbitration / Resolution of Dispute
 - l. Force Majeure
 - m. Applicable Laws
 - n. Integrity Pact, if applicable

3.0 To ascertain the inter-se-ranking, the comparison of the responsive bids will be made.

3.1 In case of identical lowest offered rate by more than 1 (one) bidder, the selection of L1 bidder will be chosen by draw of lots amongst the techno-commercially acceptable parties offering the same lowest price.

4.0 PRICE SCHEDULE:

Bidder shall submit the Price Break up as per Price Bid Format. Bidders should fill up the proforma, sign and upload under "Notes & Attachments" >"Attachments" only. Evaluation of offers shall be done on as per price bid format.

4.1 **Comparison of offers shall be done on as per price bid format. Contract shall be awarded to the L1 bidder evaluated as per the price bid format.**

4.2 If there is any discrepancy between the unit price and the total price, the unit price will prevail, and the total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.

4.3 Price bids of only those bidders will be opened whose offers are found to be techno-commercially acceptable.

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- 5.0 No press advertisement will be published regarding amendment to Bidding Document or extension of Bid Closing Date. The same will be uploaded in OIL's website and informed to all prospective bidders who have received the bidding documents. Bidders to keep themselves updated.
- 6.0 Bid Documents / User Id & Password for OIL's E-Tender portal are not transferable.
- 7.0 Any bid received in the form of Physical document/ Telex/Cable/Fax/E-mail will not be accepted.
- 8.0 There should not be any indication of price in the Un-priced Techno-Commercial Bid. If there is any indication of price in the Un-priced Techno-Commercial Bid, Such Bid will be rejected straightway.
- 9.0 **CRITERIA FOR LOCAL CONTENT (LC):**

The bidder must be incorporated/constituted in India and must maintain more than 50% local content (LC) for the offered services to be eligible to bid against this tender.

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.

If such local content is not maintained during execution of contract, OIL reserves the right to invoke the Performance Securities submitted by the bidding and supporting companies, in addition to resorting to other options as may be deemed appropriate.

Whether or not the bidders want to avail PP-LC benefit against this tender, it is mandatory for them to meet the following at the bidding stage:

- (a) The bidder must provide the percentage (%) of local content in their bid, without which the bid shall be summarily rejected being non-compliant.
- (b) The Bidder shall submit an undertaking from the authorized signatory of bidder having the Power of Attorney along with the bid, stating that the bidder meets the minimum LC requirement (equal to or above 50%) and such undertaking shall become a part of the contract, if awarded [Format enclosed as Annexure- A-1 to BEC].
- (c) Bidder to submit a copy of their Certificate of Incorporation/ registration in India.

- 10.0 **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:

- 10.1 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)].
- 10.2 "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.

- 10.3 "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
- 10.4 The beneficial owner for the purpose of para 10.3 above will be as under:
- 10.4.1 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;
- 10.4.2 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;
- 10.4.3 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;
- 10.4.4 Where no natural person is identified under (10.4.1) or (10.4.2) or (10.4.3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
- 10.4.5 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.
- 10.5 An Agent is a person employed to do any act for another, or to represent another in dealings with third person.
- 10.6 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.
- 10.7 **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.

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- 10.8 The bidders to provide an undertaking as per **Annexure-XVI** along with their bid complying with Clause No. 10.1 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.
- 11.0 **GENERAL:**
- 1.0** Submission of Forged Documents: Bidders should note that Company may verify authenticity of all the documents /certificates / information submitted by the bidder(s) against the tender. In case at any stage of tendering process or Contract execution etc., if it is established that bidder has submitted forged documents / certificates / information towards fulfilment of any of the tender / contract conditions, Company shall immediately reject the bid of such bidder(s) or cancel / terminate the contract and forfeit EMD / SD submitted by the bidder(s), besides taking action as per OIL's Banning Policy available in the OIL's website.
- 2.0** In case bidder takes exception to any clause of bidding document not covered under BEC/BRC, then the Company has the discretion to load or reject the offer on account of such exception if the bidder does not withdraw / modify the deviation when / as advised by company. The loading so done by the Company will be final and binding on the bidders. No deviation will however be accepted in the clauses covered under BRC.
- 3.0** To ascertain the substantial responsiveness of the bid the Company reserves the right to ask the bidder for clarification in respect of clauses covered under BEC/BRC also and such clarifications fulfilling the BEC/BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be evaluated based on the submission. However, mere submission of such clarification shall not make the offer responsive, unless Company is satisfied with the substantial responsiveness of the offer.
- 4.0** Bidder(s) must note that requisite information/financial values etc. as required in the BEC/BRC & Tender are clearly understandable from the supporting documents submitted by the Bidder(s); otherwise Bids shall be rejected.
- 5.0** OIL will not be responsible for delay, loss or non-receipt of applications for participating in the bid sent by mail and will not entertain any correspondence in this regard.
- 6.0** If any of the clauses in the BEC/BRC contradicts with any of the clauses of the tender document/disclaimer/guideline/user manual/report or any other field displayed in the e-tender portal, the clauses in the BEC/BRC shall prevail.
- 12.0 **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 of the provisions of the Act shall attract penal action under the Act.

ANNEXURE- A-1 to BEC

**FORMAT OF UNDERTAKING BY BIDDERS
FOR DECLARING PERCENTAGE OF LOCAL
CONTENT**

To

OIL INDIA LTD,

Guwahati,

Dear Madam / Sir,

Sub.: Undertaking for local content against Tender No: CGI8579P25

We, (Name of the bidder) have submitted Bid No. _____ against Tender No. CGI8579P25 dated 13.02.2025.

We hereby undertake that we meet the mandatory minimum local content requirement as mandated by Ministry of Petroleum and Natural Gas, Government of India vide Order no P- 45021/2/2017-PP (BE-11) dated 16.09.2020 or Notification No FP20013/2/2017-FP-PNG-Part(4) (E-41432) dated 26.04.2022 subject to revisions/amendments thereof. The percentage of local content in the bid is _____%.

For and on behalf of Authorized signatory Name

Designation

Contact No.

(Affix Seal of the Organization here)

Note: Class-I/Class- II Local suppliers are eligible to bid only if they meet the local content norms, therefore whether or not they want to avail PP-LC benefit, it will still be mandatory for them to give adequate documentation as follows to establish their status as class-I or class- II local supplier

Profroma -BEC/BRC(1)

(in vendor's letter head)

UNDERTAKING BY BIDDER FOR SUBMISSION OF ELECTRICAL LICENCE (IF APPLICABLE)

To,

Oil India Limited,
PHQ, Narangi
Guwahati –
781171, Assam.

I/We

M/s.....are hereby undertake that we have a valid electrical license issued from

.....
However, we do not have a valid electrical contractor's license issued by Electrical Licensing Board, Govt. of Assam at this moment. In this regard, we hereby undertake that, on award of contract, a valid Electrical Contractor's License issued by Electrical Licensing Board, Government of Assam in the name of our firm will be collected or get the present Electrical Contractors License recognized / endorsed by Electrical Licensing Board, Government of Assam for executing the job at Assam and the same will be subsequently renewed till the completion of contract. A copy of the same will be submitted to Oil India Limited within 60 days from the date of award of contract.

In case of engagement of any electrical contractor firm having valid Electrical Contractor's License issued by Electrical Licensing Board, Government of Assam, we hereby undertake that we will furnish a copy of MoU entered into with the electrical contractor firm towards providing the requisite service as per the terms of the tender/contract, a copy of valid electrical contractor's license and a copy of experience certificate of electrification works executed by the electrical contractor firm in office/residential building in at least seven (07) years reckoned from original bid closing date within 60 days from the date of award of contract.

Authorized Signature	Name
Vendor Code	Email
	Mobile No

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Profroma -BEC/BRC(2)

S. No.	Name of Plant & Machinery / equipment	Minimum No. Required at site
A	B	C
1.	Excavator	01
2.	Dumper/Tipper	01
3	Water Tanker	01
4	Site Mixers with weigh batcher	02
5	Dewatering / WaterPumps	03
6	Survey Equipment:	
	a) Level instruments	01
7	Steel Shuttering, Staging & props materials	6000 Sqm
8	Concrete Vibrator with nozzle	6
9	Concrete Cube Mould	30 nos
10	Slump cone	01 nos
11	Welding Machine	01
12	DG Set as per required capacity	01
	** Any other machinery (if required) as per site conditions shall be arranged by the contractor	

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ANNEXURE-AA:

CERTIFICATE OF ANNUAL TURNOVER & NETWORTH

(To be issued by practicing Chartered/Cost Accountant Firm
on their Letter Head)

TO WHOM IT MAY CONCERN

This is to certify that the following financial positions extracted from the audited financial statement of M/s _____ (Name of the bidder) for the last three(3) completed accounting years up to _____ (as the case may be) are correct.

YEAR	TURNOVER(₹)	NETWORTH(₹)

Place:

Date:

Seal:

UDIN:

Membership Code and Registration No.

Signature

End of BEC-BRC

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WORKS CONTRACT

DESCRIPTION OF WORK/SERVICES: CONSTRUCTION OF TWO NOS. OF EMPLOYEE RESIDENTIAL BUILDINGS AT PS-3, JORHAT, ASSAM INCLUDING ELECTRIFICATION WORKS AND SUPPLY OF ALL MATERIALS EXCEPT 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:

- 1.0** a) The contractor hereby agrees to carry out the work set down in the Schedule of work which forms Part-II of this Contract in accordance with the 1968 General Conditions of Contract of Oil India Limited and General Specifications read in conjunction with any drawings and Particular Specifications & instructions which forms Part-III of the contract utilizing any materials/services as offered by the Company as per Part-IV of the contract at location _____ .
- b) In this Contract all words and expressions shall have the same meaning as are respectively assigned to them in the 1968 General Conditions of Contract of Oil India Limited which the Contractor has perused and is fully conversant with before entering into this Contract.
- c) The clauses of this contract and of the specifications set out hereunder shall be paramount and in the event of anything herein contained being inconsistent with any term or terms of the 1968 General Conditions of Contract of Oil India Limited, the said term or terms of the 1968 General conditions of Contract to the extent of such inconsistency, and no further, shall not be binding on the parties hereto.
- 2.0** i) The contractor shall provide all labour, supervision and transport and such specified materials described in Part-II of the Contract including tools and plants as necessary for the work and shall be responsible for all royalties and other levies and his rates shall include for these. The work executed and materials supplied shall be to the satisfaction of the Company's Engineer and Contractor's rates shall include for all incidental and contingent work which although not specifically mentioned in this contract are necessary for its completion in a sound and workman like manner.
- ii) Contractor shall have to produce the valid certificates (Forest Royalty Clearance Certificate) from the concerned departments, as per applicable rate towards forest produce used against the contract to HOD (Civil) prior to processing of final payment. In absence of valid certificates, the final bill shall not be processed.
- 3.0** The Company's Engineer shall have power to:
- a) Reduce the rates at which payments shall be made if the quality of work although acceptable is not up to the required standard set forth in the OIL Standard Specifications which have been perused and fully understood by the Contractor.
- b) Order the Contractor to remove any inferior material from the site and to demolish or rectify any work of inferior workmanship, failing which the Company's Engineer may arrange for any such work to be demolished or rectified by any other means at the Contractor's expenses.
- c) Order the Contractor to remove or replace any workman/ supervisor/ engineer/ project-in-charge or any other 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.

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

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

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

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

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

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

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

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

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

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

- 9.0** In order to promote, safeguard and facilitate the general operational economic in the interest of the Company during the continuance of this contract the Contractor hereby agrees and undertakes not to take any direct or indirect interest and or support, assist, maintain or help any person or persons engaged in antisocial activities, demonstration, riots , or in any agitation prejudicial to the Company's interest and any such even taking shape or form at any place of the Company's works or and its neighbourhood.
- 10.0** The tendered all-inclusive Price (i.e. the Contract price) is ₹ _____ **(Not to be filled up by bidder while submitting the offer in c-Folder. This figure will be filled up by OIL at the time of award of the contract to the successful bidder.)** (₹ _____ only) but the Company shall pay the Contractor only for actual work done at the all inclusive rates set down in the Schedule of work part II of this Contract.

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

- 11.0** The contractor employing 20 (twenty) or more workmen on any day preceding 12 months shall be required to obtain requisite licence at his cost from the appropriate Licensing Officer before undertaking any Contract work. The Contractor shall also observe the rules & regulations framed under the Contract Labour (Regulation & Abolition) Act.
- 12.0** Wages shall be paid by the Contractor to the workmen directly without any intervention of any Jamadars or 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.
- 13.0** The Company for any reason whatsoever and of which the company shall be sole judge may terminate this Contract with a 24 hours notice in writing to the Contractor and in the event of Company's so doing the clause 5 here of shall prevail and the accounts between the parties will be in accordance therewith finalised.
- 14.0** The Contractor will not be allowed to construct any structure (for storage / housing purpose) with thatch, bamboo or any other inflammable materials within any company's fenced area.
- 15.0** The Contractor shall ensure that all men engaged by him/her are provided with appropriate protective clothing and safety wear in accordance with the Oil Mines Regulations 2017. The Company's representative shall not allow/accept those men who are not provided with the same.
- 16.0** All Statutory taxes levied by the Central and State Government or any other competent authority from time to time, except PF & GST, will be borne by Contractor and the contract cost is inclusive of all tax liabilities except PF & GST. However, any subsequent increase in such statutory taxes after bid opening day will be borne by the Company. Similarly if there is any decrease in such statutory taxes after bid opening, the Company shall recover the decreased amount of such taxes from the contractor.
- 17.0** The Contractor shall deploy local persons in all works.
- 18.0** The Contractor shall not engage minor labour below 18(eighteen) years of age under any circumstances.
- 19.0** The Contractor and his/her workmen shall strictly observe the rules and regulations as per Mines Act (Latest editions).

20.0 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 18.31 %.

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

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

- e) All safety precautions to be maintained by the Contractor at his own cost as per safety rules and regulations.
- f) The Contractor shall use pump if needed for dewatering of pit while excavation for which no extra payment will be made.
- g) The Contractor shall have to work during rainy seasons also.
- h) Watch and ward, loss or damage to Company's property, theft and other incidental charges shall be Contractor's responsibility.
- i) Efficient workmen to be engaged by the Contractor.
- j) The Contractor's representative should report to Engineer-in-charge on all working days at 7.00 A.M. and 3.00 P.M. for instructions.
- k) Materials if rejected should be removed from site within 48 (forty- eight) hours of rejection, failing which the Company reserves the right to get the rejected materials removed at the risk and cost of the Contractor.
- l) The Company reserves the right to get the part or whole work complete at the risk and cost of the Contractor if he fails to complete the work within the stipulated time without any valid reason. The Company's decision shall be final and binding on the Contractor.
- m) Water that may accumulate on the site during progress of the works or in trenches and excavations from other than accepted risks shall be removed from the site to entire satisfaction of the Engineer-in-charge and at the Contractor's expense.
- n) The Contractor shall be in a position to execute 2(two) locations simultaneously.
- o) If required, the Contractor shall have to work in two shifts for which no extra payment will be admissible to him/them.
- p) If needed water and electricity will have to be arranged by the Contractor at his own cost.
- q) The Contractor and his workmen are to strictly observe the safety precautionary rules as per Mines Act (Latest edition) while executing the work.
- r) The Contractor shall have to provide temporary latrine facilities in the entire work site for use of their workmen during progress of work.
- s) The contractor himself (the signatory of the contract) must visit the site at least twice in a week as fixed for taking necessary instruction from the Engineer-in charge.
- t) The program of works to be submitted in the form of Bar Chart within 3 days of receipt of work order.

21.0 SPECIAL INSTRUCTION:

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

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22.0 GOODS AND SERVICES TAX (GST) CLAUSES UNDER GCC**22.1 GENERAL REMARKS ON TAXES & DUTIES:**

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

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

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

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

22.5 Where OIL is entitled to avail the input tax credit of GST:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

22.18 Documentation requirement for GST

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

Any invoice issued shall contain the following particulars

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

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

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

22.19 ANTI-PROFITEERING CLAUSE

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

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

23.0 INSURANCE:

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

- a) The Contractor shall, at his own expense, arrange appropriate comprehensive insurance (All-risks insurance cover with suitable limit as per International Standard) to cover all risks assumed by the Contractor under this Contract in respect of its equipment, tools including but not limited to well equipment & tools, any other belongings and personnel during the entire period of this Contract including extensions thereof.
- b) The Contractor shall also carry adequate insurance cover against damage/loss to third party/person/property.
- c) The Contractor at his cost shall arrange, secure and maintain insurance as may be necessary and to its full value for all such amounts to protect the works-in-progress from time to time and the interest of Company against all risks as detailed herein subject to the satisfaction of the Company and irrespective of acceptance of the Work.
- d) The responsibility to maintain adequate insurance coverage at all times during the period of the Contract shall be that of the Contractor alone and OIL will have no liability on this account. The Contractor's failure in this regard shall not relieve him of any of his responsibilities & obligations under the Contract.
- e) All costs on account of insurance liabilities covered under the Contract will be to the Contractor's account.

23.2 **Deductible:**

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

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

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

23.5 **Waiver of subrogation:**

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

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

23.6 **Loss Payee Clause:**

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

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

23.7 **Additional Assured:**

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

23.8 **Certificate of Insurance:**

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

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

Note: An undertaking by the service provider has to be mandatorily provided during the Mobilization
CONTRACTOR **COMPANY**

time that they have taken all the Insurance provisions as per the contract and as the Law and Insurance Regulation.

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

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

23.11 On account payment to OIL in case of claim

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

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

- (i) **Employees Compensation (EC) Policy or Employer's Liability Policy insurance** as required by the laws of the country of origin of the employee.
- (ii) **Commercial General Liability Insurance:** Commercial General Public Liability Insurance covering liabilities including contractual liability for bodily injury, including death of persons, and liabilities for damage of property. This insurance must cover all operations of CONTRACTOR required to fulfil the provisions under this Contract.
- (iii) **Comprehensive General Automotive Liability:** Automobile Public Liability Insurance covering owned, non-owned and hired automobiles used in the performance of the work hereunder, with bodily injury limits and property damage limits shall be governed by Indian Insurance Regulations.
- (iv) **Carrier's Legal Liability Insurance:** Carrier's Legal Liability Insurance in respect of **all CONTRACTOR's items** to be transported by the CONTRACTOR to the site of work, for physical loss or destruction of or damage to goods or merchandise, while in transit.
- (v) **Public Liability Act Policy:** Public Liability Act Policy, if applicable, covering the statutory liability arising out of accidents occurring during the currency of the contract due to handling hazardous substances as provided in the Public Liability Insurance Act 1991 and the Rules framed there under. In case there is no usage of hazardous substance, the Contractor should provide an undertaking during mobilization as per format enclosed regarding non-inclusion of hazardous substances within the ambit of the contract.
- (vi) **Pradhan Mantri Suraksha Bima Yojana (PMSBY) and Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY):** CONTRACTOR shall, ensure that all his/ its personnel deployed under this contract have obtained additional insurance coverage under the Pradhan Mantri Suraksha Bima Yojana (PMSBY) and Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY) through the participating banks and submit the proof of such insurance coverage to the satisfaction of OIL.

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

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

24.0 SETTLEMENT OF DISPUTES:

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

24.2 Resolution of Dispute through SAC:

- a) OIL has framed the Conciliation Rules 2020 in conformity with Part III of the Arbitration and Conciliation Act 1996 as amended from time to time for speedier, cost effective and amicable settlement of disputes through conciliation.
- b) If the parties fail to resolve such a dispute or difference by mutual consultation as per clause no. 23.1, the dispute, if the parties agree, may be referred to conciliation in accordance with OIL Conciliation Rules 2020 as amended from time to time. A copy of the said Rules has been made available on OIL's Website i.e. www.oil-india.com
- c) Where the invitation for conciliation has been accepted by the other party, the parties shall attempt to settle such dispute(s) amicably under OIL conciliation Rules 2020.
- d) Parties shall invoke arbitration clauses only after exhausting the option of conciliation as an Alternative Dispute Resolution Mechanism. For the purpose of this clause, the option of conciliation shall be deemed to have been exhausted, even in case of rejection of conciliation by any of the parties.

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

- a) Except as otherwise provided elsewhere in the contract, if any dispute, difference, question or disagreement arises between the parties hereto or their respective representatives or assignees, in connection with construction, meaning, operation, effect, interpretation of the contract or breach thereof which parties are unable to settle mutually through Conciliation/Mediation, the same shall be referred to Arbitration.
- b) A party wishing to commence arbitration proceeding shall invoke an Arbitration Clause by giving 30 days' notice to the other party. The notice invoking arbitration shall specify all the points of dispute with details of the amount claimed to be referred to arbitration at the time of invocation of arbitration and not thereafter. If the claim is in foreign currency, the claimant shall indicate its value in Indian Rupee for the purpose of constitution of the arbitral tribunal.
- c) The number of arbitrators and the appointing authority will be as under: Claim amount (excluding claim for interest and counter claim, if any)

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

- d) The Parties agree that dispute involving claims below Rs. 25 lakhs and above Rs. 5 crores shall not be subject matter of Arbitration but subject to the exclusive jurisdiction of the Court(s) situated at New Delhi.
- e) The parties agree that they shall appoint only those persons as arbitrators who accept the conditions of the arbitration clause. No person shall be appointed as Arbitrator or Presiding Arbitrator who does not accept the conditions of the arbitration clause.
- f) If any of the Arbitrators so appointed dies, resigns, becomes incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the concerned party/arbitrators to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left if both parties consent for the same; otherwise, he shall proceed de novo.
- g) Parties agree and undertake that neither shall be entitled for any pre- reference or pendente-lite interest on its claims. Parties agree that any claim for such interest made by any party shall be void. Parties agree that a claim for any such interest shall not be considered and shall be void. The Arbitrator or Tribunal shall have no right to award pre-reference or pendent-lite interest in the matter.

- h) The arbitral tribunal shall complete the proceedings, make and publish the award within time stipulated in the Arbitration and Conciliation Act, 1996 (as amended from time to time).
- i) If after commencement of the arbitration proceedings, the parties agree to settle the dispute mutually or refer the dispute to conciliation, the arbitrators shall put the proceedings in abeyance until such period as requested by the parties. Where the proceedings are put in abeyance or terminated on account of mutual settlement of dispute by the parties, the fees payable to the arbitrators shall be determined as under:
 - (i) 20% of the fees if the claimant has not submitted statement of claim.
 - (ii) 40% of the fees if the pleadings are complete.
 - (iii) 60% of the fees if the hearing has commenced.
 - (iv) 80% of the fees if the hearing is concluded but the award is yet to be passed.
- j) Each party shall be responsible to make arrangements for the travel and stay etc. of the arbitrator appointed by it. Claimant shall also be responsible for making arrangements for travel and stay of the Presiding Arbitrator and the expenses incurred shall be shared equally by the parties. In the case of sole arbitrator, both parties shall equally share all expenditures that may be required to be incurred.
- k) The fees and other administrative/secretarial expenses of the arbitrator(s) shall not exceed the model fee as stipulated in Schedule of the Act and such expenses shall be equally borne by the parties.
- l) The seat and venue of the arbitration proceeding shall be New Delhi.

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

- a) If the Parties fail to resolve such a dispute or differences by Mutual Consultation/Good Faith Discussions, such disputes or difference shall be taken up by either party for resolution through Administrative Mechanism for Resolution of CPSEs Disputes (AMRCD) as mentioned in DPE Office Memorandum No. 05/0003/2019-FTS-10937 dated 14.12.2022 issued by Department of Public Enterprises, Ministry of Heavy Industries and Public Enterprises, Government of India and its further clarifications, modifications and amendments, issued from time to time.
- b) A party wishing to commence arbitration proceeding shall invoke Arbitration Clause and refer the dispute(s) to AMRCD with a copy to the other party. The notice invoking arbitration shall specify all the points of dispute with details of the amount claimed to be referred to arbitration at the time of invocation of arbitration and not thereafter.
- c) Upon such reference, the dispute shall be decided by the Competent Authority appointed under the AMRCD, whose decision shall bind the parties finally and conclusively. The parties in the dispute will share equally the cost of the arbitration as intimated by the Arbitrator.

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

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

24.6 Exclusions

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

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

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

25.0 FORCE MAJEURE:

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

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

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

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

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

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

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

26.0 I.B. VERIFICATION REPORT AND SECURITY REVIEW:

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

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

28.0 SET OFF CLAUSE:

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

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

termination of ongoing contract(s) at his/her risk and peril. In such event, the Bid Security/Performance Security in respect of ongoing contract(s) shall be forfeited by the COMPANY.

30.0 ERRING / DEFAULTING AGENCIES: Erring and defaulting agencies like bidder, contractor, supplier, vendor, service provider will be dealt as per OIL's Banning Policy available in OIL's website: www.oil-india.com. Moreover, OIL reserves the right to take legal or any other action on the basis of merit of the case.

31.0 TERMINATION:

- a) **Termination on expiry of the contract:** This Agreement shall be deemed to have been automatically terminated on the expiry of the contract period unless OIL has exercised its option to extend this contract in accordance with the provisions, if any, of this contract.
- b) **Termination of contract for death:** If the CONTRACTOR is an individual or a proprietary concern and the individual or the proprietor dies or if the CONTRACTOR is a partnership concern and one of the partners dies then unless, the COMPANY is satisfied that the legal heir of the individual or the proprietary concern or the surviving partners are capable of carrying out and completing Contract, the COMPANY is entitled to cancel the Contract for the uncompleted part without being in any way liable for any compensation payment to the estate of the deceased CONTRACTOR and/or to the surviving partners of the CONTRACTOR's firm on account of the cancellation of Contract. The decision of the COMPANY in such assessment shall be final & binding on the parties. In the event of such cancellation, the COMPANY shall not hold the estate of the deceased CONTRACTOR and/or the surviving partners of CONTRACTOR's firm liable for any damages for non-completion of the Contract.
- c) **Termination on account of Force Majeure:** Unless the contract provides otherwise, either party shall have the right to terminate this Contract on account of Force Majeure as set forth in Article-24.0 above.
- d) **Termination on account of insolvency:** In the event that the CONTRACTOR or its collaborator or its guarantor at any time during the term of the Contract, becomes insolvent or makes a voluntary assignment of its assets for the benefit of creditors or is adjudged bankrupt or under the process of insolvency or liquidation, then the COMPANY shall, by a notice in writing have the right to terminate the Contract and all the CONTRACTOR's rights and privileges hereunder, shall stand terminated forthwith.

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

- e) **Termination for Unsatisfactory Performance:** If the COMPANY considers that, the performance of the CONTRACTOR is unsatisfactory, or not as per the provision of the Contract, the COMPANY shall notify the CONTRACTOR in writing and specify in details the cause of dissatisfaction. The COMPANY shall have the option to terminate the Contract by giving 15 days' notice in writing to the CONTRACTOR, if CONTRACTOR fails to comply with the requisitions contained in the said written notice issued by the COMPANY. In the event CONTRACTOR rectifies its non-performance to the satisfaction of the COMPANY, the option of termination may not be exercised by the COMPANY. If however CONTRACTOR repeats non-performance subsequently, COMPANY shall exercise the option to terminate contract by giving 07 days' notice. Such CONTRACTOR shall be put on holiday as per the Banning Policy of OIL [available at www.oil-india.in].
- f) **Termination due to change of ownership and Assignment:** In case the CONTRACTOR's rights and /or obligations under this Contract and/or the CONTRACTOR's rights, title and interest to the equipment/material, are transferred or assigned without the COMPANY's written consent, the COMPANY may at its option, terminate this Contract. COMPANY shall not be however under any obligation to accord consent to the CONTRACTOR for change of ownership & assignment of the contract.
- g) If at any time during the term of this Contract, breakdown of CONTRACTOR's equipment results in CONTRACTORS being unable to perform their obligations hereunder for a period of 15 successive days, COMPANY at its option, may terminate this Contract in its entirety or partially to the extent of non-performance, without any further right or obligation on the part of the COMPANY, except for the payment of money then due. No notice shall be served by the COMPANY under the condition stated above.
- h) Notwithstanding any provisions herein to the contrary, the Contract may be terminated at any time by the COMPANY on giving 30 (thirty) days written notice to the CONTRACTOR due to any other reason not covered under the above Article from (a) to (g) and in the event of such termination the COMPANY shall not be liable to pay any cost or damage to the CONTRACTOR except for payment of services as per the Contract upto the date of termination.

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

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

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

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

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

Signed, Sealed and Delivered,

For and on behalf of Contractor	For and on behalf of Company
M/s. _____ Address _____ _____	Oil India Limited PHQ, Guwahati Assam- 781171
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 _____

OIL INDIA LIMITED
(A Govt. of India Enterprise)

Description: CONSTRUCTION OF TWO NOS. OF EMPLOYEE RESIDENTIAL BUILDINGS AT PS-3, JORHAT, ASSAM INCLUDING ELECTRIFICATION WORKS AND SUPPLY OF ALL MATERIALS EXCEPT CEMENT.

SCHEDULE OF QUANTITIES (SOQ), SERVICE/WORK AND RATES

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
SECTION -I	CIVIL				
A	BUILDING PART				
10	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	M3	729.85		
20	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to50 and for all lift	M3	561.34		
30	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	M3	168.32		
40	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. All kinds of soil	M2	1492.8		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
50	Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth up to 30 cm measured at a height of 1m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared	M2	1243.54		
60	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	M2	1243.54		
70	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 30 cm girth up to and including 60 cm girth	EA	9		
80	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth up to and including 120 cm girth	EA	10		
90	CEMENT CONCRETE (CAST IN SITU) Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources: 4 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	45.84		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
100	CEMENT CONCRETE (CAST IN SITU) 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) : 6 graded stone aggregate 20mm nominal size)	M3	57.43		
110	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 20mm nominal size)	M2	62.36		
120	FORM WORK "Centering and shuttering including strutting, propping etc. and removal of form for : "Foundations, footings, bases of columns, etc. for mass concrete	M2	320.12		
130	FORM WORK entering and shuttering including strutting, propping etc. and removal of form for : Walls (any thickness) including attached pilasters, buttresses', plinth and string courses etc.	M2	43.2		
140	FORM WORK" Centering and shuttering including strutting, propping etc. and removal of form for : "Suspended floors, roofs, landings, balconies and access platform	M2	1435.74		
150	FORM WORK "Centering and shuttering including strutting, propping etc. and removal of form for : "Lintels, beams, plinth beams, girders, bressummers and cantilevers	M2	1027.7		
160	FORM WORK "Centering and shuttering including strutting, propping etc. and removal of form for : "Columns, Pillars, Piers, Abutments, Posts and Struts	M2	793.54		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
170	FORM WORK” Centering and shuttering including strutting, propping etc. and removal of form for :”Stairs, (excluding landings) except spiral-staircases	M2	150.36		
180	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level.Thermo-Mechanically Treated bars of grade Fe-500D or more.	KG	15872.45		
190	STEEL REINFORCEMENT Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinthlevel.Thermo-Mechanically Treated bars of grade Fe-500D or more	KG	54326.98		
200	REINFORCED CEMENT CONCRETE Works 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. Note: Extra cement up to 10% of the minimum specified	M3	138.26		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	<p>cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works up to plinth level Concrete of M25 grade with minimum cement content of 330 kg /cum</p>				
210	<p>REINFORCED CEMENT CONCRETE Works providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)</p>	M3	18.09		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
220	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	M3	66.5		
230	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	M3	296.56		
240	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	70.68		
250	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement :3 coarse sand)	M2	1700.5		
260	Honey-comb brick work 10 / 11.4 cm thick with common burnt clay bricks of class designation7.5 in super structure above	M2	28.96		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	plinth level up to floor V level with cement mortar 1:4 (1 cement : 4 coarse sand)				
270	12 mm cement plaster of mix :1:4 (1 cement: 4 fine sand)	M2	1825.3		
280	CEMENT PLASTER (IN FINE SAND) 15 mm cement plaster on the rough side of single or half brick wall of mix :1:4 (1 cement: 4 fine sand)	M2	3516.7		
290	CEMENT PLASTER WITH A FLOATING COAT OF NEAT CEMENT 15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix :1:4 (1 cement: 4 fine sand)	M2	543.01		
300	6 mm cement plaster of mix :1:3 (1 cement : 3 fine sand)	M2	1325.9		
310	52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @2 litre per 50 kg of cement or as per manufacturer's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	M2	810.06		
320	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement 18 mm thick	M2	139.17		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
330	VITRIFIED FLOOR Tiles 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	M2	159.48		
340	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sq. M including pointing the joints with white cement and matching pigments etc., complete.	M2	86.4		
350	Providing and fixing 1st 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	M2	355.32		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	sqm, including pointing in white cement mixed with pigment of matching shade complete.				
360	Providing and fixing 18 mm thick gang saw cut, mirror polished, remoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels. Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble Area of slab over 0.50 sqm	M2	44.88		
370	Extra for providing opening of required size & shape for wash basin/kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. Complete	EA	12		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
380	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of:(i),,Ist course of applying cement slurry @ 4.4 kg/sqm mixed with waterproofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface.(ii),,IInd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand)mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface.(iii),,IIIrd course of applying blown or residual bitumen applied hot at1.7 kg. per sqm of area.(iv),,IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @1.7 kg/sqm).	M2	441.72		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
390	<p>Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying:(a),,after surface preparation, first layer of slurry of cement @ 0.488kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm.(b),,laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than10 cm.(c),,third layer of 1.5 mm thickness consisting of slurry of cement @1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqmand coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4hours followed by water curing for 48 hours. The entire treatment will be taken up to 30 cm on parapet wall and tucked into groove in parapet all around.(d),,fourth and final layer of brick tiling with cement mortar (which will be paid for separately. For the purpose of measurement the entire treated surface will be measured.</p>	M2	369.5		
400	<p>Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugsor with dash fasteners of required Dia & length (hold fast lugs or dash fastener shall be paid for separately).Kiln seasoned and chemically treated hollock wood</p>	M3	2.88		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
410	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	M2	26.46		
420	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) non- decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	M2	71.82		
430	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm (± 0.1 mm)wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in- charge Extruded section profile size 48x40 mm	RM	118.8		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
440	<p>Providing and fixing to existing door frames.24 mm thick factory made PVC door shutters made of styles and rails of auPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm)with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVCmulti-chambered single panel of size not less than 620 mm, having overall thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6mm galvanised M.S. rod and fastened with nuts and washers, complete asper manufacturer's specification and direction of Engineer-in-charge.(For W.C. and bathroom door shutter).</p>	M2	37.8		
450	<p>Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S.</p>	M2	4.42		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	angels 40x40x6 mm for diagonal braces				
460	Providing and fixing bright finished brass parliamentary hinges with necessary screws etc. complete :150x125x27x5 mm	EA	296		
470	Providing and fixing bright finished brass tower bolts (barrel type)with necessary screws etc. complete :250x10 mm	EA	296		
480	Providing and fixing bright finished brass door latch with necessary screws etc. complete :300x16x5 mm	EA	14		
490	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete.50 mm	EA	96		
500	Providing and fixing 50 mm bright finished brass cup board or wardrobe knob of approved quality with necessary screws	EA	48		
510	Providing and fixing bright finished brass handles with screws etc.complete:100 mm	EA	36		
520	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :125 mm	EA	266		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
530	<p>Providing and fixing 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 / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge.(Glazing, panelling and dash fasteners to be paid for separately) :For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)</p>	KG	358.86		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
540	<p>Providing and fixing 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 / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge.(Glazing, panelling and dash fasteners to be paid for separately) : "For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)"</p>	KG	424.96		
550	<p>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</p>	M2	200.46		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	item):With float glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)				
560	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete. Anodized (AC 15) aluminium	EA	1548		
570	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.M.S. tube	KG	3234.8		
580	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with Rawl plugs screws etc.	KG	1947.5		
590	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement :3 coarse sand (zone - III) : 6 graded stone aggregate 20 mm nominalize) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth	M2	91.56		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
600	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	M2	4043.61		
610	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour: New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	M2	4043.61		
620	EXTERIOR FINISHING Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	M2	1838.46		
630	Applying priming coat: With ready mixed aluminium primer of approved brand and manufacture on resinous wood and plywood	M2	430.12		
640	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	M2	315.3		
650	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two or more coats on new work over an under coat of suitable shade with ordinary paint	M2	745.42		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	of approved brand and manufacture				
660	<p>Providing and mixing integral crystalline admixture for water proofing treatment to RCC structures like basement raft, retaining walls, reservoir, sewage & water treatment plant, tunnels / subway and bridge deck etc. at the time of transporting of concrete into the drum of the ready-mix truck , using integral crystalline admixture @0.80% (minimum) to the weight of cement content per cubic meter of concrete) or higher as recommended by the manufacturer's specification in reinforced cement concrete at site of work. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e. by reducing permeability of concrete more than 90%, compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure. The crystalline admixture shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the Engineer-in-charge. The product performance shall carry guarantee for 10 years against any leakage.</p>	KG	14.73		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
670	Providing soling in foundation and under floor with best quality picked jhama brick of class designation 7.5, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete.	M2	1156.58		
680	Providing and constructing full height storage of size 1150x2800mm as per drawings, with 19mm thick bwr ply, back in 6mm thick commercial ply. Front side 275x1930mm size mirror. Rate to include hardware such as approved closing hinges for shutters complete etc. including ISI marked Stainless Steel butt hinges & brass curtain rod 25mm Dia 1.25mm thick with necessary screws, (Painting and Finishing will be measured and paid separately)	EA	12		
690	Pre-construction Anti termite treatment comprising of :Treatment to filling of the plinth with chemical emulsion by admixing IMIDACLOPRID 30.5% SC concentrates (1:475) with water by weight at the rate of 7.5litres per sq. M of the surface of the substructure for each side of the floor area. The work shall be carried out as per IS-6313(Part-II) 2015. weight at the rate 5 Liters per sq. M of the surface before sand bed or sub-grade is laid. Holes up to 50mm to 75mm deep at 150mm. centre to centre both ways shall be made with 12mm, diameter mild steel rod on the surface to facilitate saturation of the soil with	M2	332.6		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	chemical emulsion. This item of work should be done strictly by a specialized and approved license issued by "Jt. Director of Agriculture" and agency having membership of Indian Pest Control Association (IPCA) with a warranty of 5(Five) years to be given on non-judicial stamp paper				
700	Supplying of Cement bag for construction Emergency	BAG	500		
B	DISMANTLING WORK				
10	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer- in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	M3	67.3		
20	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	M3	53.28		
30	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer-in-charge.	M2	68.22		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
40	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50metres lead as per direction of Engineer-in-charge. In cement mortar	M3	200.92		
50	Dismantling doors, windows and clerestory windows (steel or wood)shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :Of area 3 sq. metres and below	EA	100		
60	Demolishing dry brick pitching in floors, drains etc. including stacking of serviceable material and disposal of unserviceable material within 50metres lead :	M3	22.32		
70	Dismantling precast concrete or stone slabs in walls, partition walls etc. including stacking within 50 metres lead Thickness above 40 mm up to 75 mm	M2	2.88		
80	Dismantling of flushing cistern of all types (C.I./PVC/Vitreous China)including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead	EA	8		
90	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	M3	344.04		
C	SANITARY AND WATER SUPPLY WORKS				

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
10	WATER CLOSET: 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	12		
20	Providing and fixing water closet squatting pan (Indian type W.C. pan)with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous China Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	EA	12		
30	WASH BASIN 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 single 15 mm C.P.brass pillar tap	EA	36		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
40	Providing and fixing white vitreous China pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	EA	36		
50	KITCHEN SINK : Providing and fixing Stainless Steel A ISi 304 (18/8)kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :Kitchen sink with drain board.510x1040 mm bowl depth 200 mm	EA	12		
60	MIRROR: Providing and fixing 600x455 mm bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	EA	36		
70	PVC Pipes for Plumbing: Providing, laying and jointing 6KG Pressure PVC Pipes including all accessories likes bends, Tees etc. testing of joints etc. complete in all respect:110 mm diameter	M	160		
80	PVC Pipes for Plumbing: Providing, laying and jointing 6KG Pressure PVC Pipes including all accessories likes bends, Tees etc. testing of joints etc. complete in all respect:160 mm diameter	M	120		
90	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :300 mm dia. R.C.C. pip	M	10		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
100	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :450 mm dia. R.C.C. Pip	M	10		
110	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 32 mm Dia	EA	36		
120	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 40 MM DIA	EA	6		
130	TOWEL Rail providing and fixing SS towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm	EA	16		
140	COWEL: Providing fitting and fixing PVC Cowel of ISI make complete as directed and specified 75mm dia	EA	16		
150	INTERNAL WATER SUPPLY: C.P.V.C. PIPES: Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - 20mm nominal outer Dia Pipes	M	120		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
160	INTERNAL WATER SUPPLY C.P.V.C. PIPES: Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work -25 mm nominal outer Dia Pipes	M	120		
170	INTERNAL WATER SUPPLY C.P.V.C. PIPES: Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work -32 mm nominal outer Dia Pipes	M	100		
180	INTERNAL WATER SUPPLY C.P.V.C. PIPES: Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per	M	200		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	direction of Engineer in Charge. Internal work -40 mm nominal Dia Pipes				
190	INTERNAL WATER SUPPLY 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 Incharges. Concealed work, including cutting chases and making good the walls etc. 15 mm nominal outer Dia Pipes metre	M	160		
200	INTERNAL WATER SUPPLY 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 Incharges. Concealed work, including	M	160		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	cutting chases and making good the walls etc.20mm nominal outer Dia Pipes				
210	BIB COCK: Providing and fixing bib cock of approved quality 2-way with wall flange	EA	16		
220	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :15mm nominal bore	EA	16		
230	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore.15 mm nominal bore	EA	16		
240	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.15 mm nominal bore	EA	50		
250	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore	EA	8		
260	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :32 mm nominal bore.	EA	16		
270	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :20 mm nominal bore Each	EA	8		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
280	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :25 mm nominal bore Each	EA	8		
290	Providing and fixing gun metal non- return valve of approved quality(screwed end)32 mm nominal bore Horizontal	EA	4		
300	Providing and fixing gun metal non- return valve of approved quality(screwed end)32 mm nominal bore Vertical	EA	4		
310	Providing and fixing unplasticized PVC connection pipe with brass unions:45 cm length20mm nominal bore	EA	36		
320	HEALTH FAUCET: Providing and fixing 8 mm Dia C.P. / S.S. Jet with flexible tube up to 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	EA	24		
330	Shower providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :150mm Dia	EA	24		
340	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.15mm Nominal Dia	EA	72		
350	WATER TANK: 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	6000		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
360	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design: 180x150 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	EA	12		
370	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	EA	16		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
380	Extra for depth for manholes :Size 90x80 cmWith common burnt clay F.P.S. (non modular) bricks of class designation7.5	M	16		
390	Providing and fixing on wall face unplasticized 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	110		
400	Providing and fixing on wall face unplasticized - PVC moulded fittings/accessories for unplasticized Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS :5382, leaving 10 mm gap for thermal expansion.Coupler110 mm	EA	10		
410	Providing and fixing on wall face unplasticized - PVC moulded fittings/accessories for unplasticized Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS :5382, leaving 10 mm gap for thermal expansion. Bend 87.5°110 mm bend	EA	10		
420	Providing and fixing on wall face unplasticized - PVC moulded fittings/accessories for unplasticized Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS :5382, leaving 10 mm gap for thermal expansion. Shoe (Plain)110 mm Shoe	EA	10		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
430	Providing and fixing unplasticized -PVC pipe clips of approved design to unplasticized - PVC rain water pipes by means of 50x50x50 mm hardwood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.110 mm	EA	100		
440	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	EA	12		
SECTION -II	ELECTRICAL				
D	INTERNAL ELECTRIFICATION WORKS				
10	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mmFRLS PVC insulated copper conductor single core cable etc. as required Group C	EA	400		
20	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	M	1200		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
30	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	M	500		
40	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 6 sq. mm + 1 X 6 sq. mm earth wire	M	100		
50	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 10 sq. mm + 1 X 6 sq. mm earth wire	M	200		
60	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	M	100		
70	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	EA	4		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
80	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.1 or 2 Module (75 mmX75 mm)	EA	20		
90	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.3 Module (100 mmX75 mm)	EA	110		
100	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.4 Module (125 mmX75 mm)	EA	10		
110	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.6 Module (200 mmX75 mm)	EA	40		
120	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.1 or 2 Module	EA	20		
130	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.3 Module	EA	110		
140	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.4 Module	EA	10		
150	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.6 Module	EA	40		
160	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.5/6 A switch	EA	240		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
170	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.2 way 5/6 A switch	EA	6		
180	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.15/16 A switch	EA	60		
190	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.3 pin 5/6 A socket outlet	EA	240		
200	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.6 pin 15/16 A socket outlet	EA	60		
210	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Bell Push	EA	12		
220	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.	EA	48		
230	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder	EA	12		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	painted including earthing etc. as required.(But without MCB/RCCB/Isolator)12 way , Double door				
240	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single Pole	EA	148		
250	Supplying and fixing following rating, double pole, 240 V, RCCBconfirming IS 12640-2 in the existing MCB DB complete with connections, testing and commissioning etc. as required.63 A 30mA Breaking Capacity	EA	12		
260	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or on surface of wall for lightning conductor complete as required.(For horizontal run	M	200		
270	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For vertical run)	M	160		
280	Providing and fixing of lightning conductor finial, made of 25 mm dia300 mm long, G.I. tube, having single prong at top, with 85 mm Dia 6 mm thick G.I. base plate including holes etc. complete as required.	EA	4		
290	Earthing with G.I. earth pipe 4.5 metre long, 40 mm Dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering	EA	8		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	pipe etc. with charcoal/ coke and saltas required.				
300	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	EA	4		
310	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	EA	4		
320	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	M	600		
330	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre belowground as strip earth electrode, including connection/ terminating withnut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at50mm)	M	300		
340	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I.nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and	M	300		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)				
350	Providing and fixing MV danger notice plate of 200 mm x 150 mm made of mild steel at least 2 mm thick and vitreous enamelled white on both sides & with inscription in signal red colour on front side as required. (on 7mts poles & panels)	EA	4		
360	Supplying of bulk head fittings suitable for 10 W LED lamp complete with accessories.	EA	12		
370	Supply, fitting and fixing of Angle Holder	EA	60		
380	SITC OF led Batten Light 10W	EA	40		
390	SITC OF led Batten Light 20W	EA	160		
400	Supply Installation testing & Commissioning of Ceiling Fan BLDC	EA	50		
E	EXTERNAL ELECTRICAL WORKS				
10	MAIN PANEL: PANEL BODY FABRICATED IN 14/16 SWG CRCA SHEET , POWDER COA-TED IN SIEMENCE GREY COLOUR COMPLETE IN ALL RESPECTS UNIVERSAL GLANDPLATES. Including Incoming MCCB 200A 50KA TPN 1nos, 200AMP SPREADER TERMINAL 1sets, Metering 6Amp MCB SP 3 nos, VAF METER 1 no, INDICATION LIGHT 3 nos, 400/5A CT's 3nos, Out going Quarter 1 MCB 63A 25KA SPN 1 nos, Quarter 2 MCB 63A 25KA SPN 1nos, Quarter 3 MCB 63A 25KA SPN 1 nos, Quarter 4 MCB 63A 25KA SPN 1 nos, Quarter 5 MCB 63A 25KA SPN 1 nos, Quarter 6	SET	1		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
	MCB 63A 25KA SPN 1 nos, Spare MCB 100A 25KA TPN 3 nos, Spare MCCB 160A 25KA TPN 1 nos, BUS-BAR FEEDERS 200AMP ALU.BUS-BAR TPN 1 sets.				
20	LT CABLES LAYING Laying of one number XLPE insulated and PVC sheathed power cable of 1.1KV grade of following sizes direct in ground including excavations and cushioning protection covering and refilling the trench etc. as required. Size not exceeding 35 Sqmm	M	300		
30	LT CABLES LAYING Laying of one number XLPE insulated and PVC sheathed power cable of 1.1KV grade of following sizes direct in ground including excavations and cushioning protection covering and refilling the trench etc. as required. Size exceeding 95 Sqmm but not exceeding 185 Sqmm	M	300		
40	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 2.00 x 10 sq.mm.	EA	20		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
50	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 2.00 x 16 sq.mm.	EA	10		
60	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 3.50 x 120 sq.mm.	EA	4		
70	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 150 mm dia. R.C.C. pipe	M	30		
80	External Light Supply installation, testing and commissioning of poles for external lighting as required. 6m high (5.0m above ground) 65mm Dia GI pole as approved, adopting socket at top for fixture mentioned below, base plate 300x300x6mm and provision for mounting junction box etc.- 1 set	EA	10		
90	External Light Erection of Pole in cement concrete 400x400x1000mm deep 1:3:6 ratio cement concrete foundation including excavation , refilling, secured with holding clamps, bolts, nuts, alignment of poles casting etc. Including 100 mm thick lean concrete shall be provided at the bottom.	SET	10		

SOR NO.	DESCRIPTION OF SERVICE	UOM	QUANTITY	UNIT PRICE	TOTAL
100	External Light Supply installation, testing and commissioning of LED type 50 Watt(Street Light) light fittings of all types with all accessories.	EA	10		
110	External Light Supply installation, testing and commissioning of Suitable size Control box with 1 no. incoming and 2 nos. outgoing terminals and 2 nos. tap-out terminal with 1 no.5A HRC fuses complet 1 set	EA	10		
120	External Light Supply installation, testing and commissioning of Suitable number (S)40mm dia Class-B GI Pipes(s) from above control box to up to 0.5 meter below ground level for power cable entry.	EA	10		
130	LT Cable Supply of following size of 1.1 KV grade multicore aluminium conductorPVC sheathed armoured cable as per IS 1554.3.5 Core 120 Sqmm	M	300		
140	LT CABLESSupply of following size of 1.1 KV grade multicore aluminium conductorPVC sheathed armoured cable as per IS 1554.2 Core 16 Sqmm	M	50		
150	LT CABLESSupply of following size of 1.1 KV grade multicore aluminium conductorPVC sheathed armoured cable as per IS 1554.2 Core 10 Sqmm	M	300		
Grand Total Cost excluding GST					
Add. GST @ _____ %					
Grand Total Cost including GST					

Total Price Excluding GST (in Words) : Rupees

Total Price Including GST (in Words) : Rupees

Notes:

1.0 The price/rate(s) quoted by the Bidders will be inclusive of all taxes except GST (i.e. IGST or CGST and SGST/UTGST as applicable in case of interstate supply or intrastate supply respectively and Cess on GST, if applicable) on the final services.

2.0 Price Bids shall be evaluated on overall lowest cost to OIL (L-1 offer) basis i.e. considering total quoted price for all services Excluding applicable GST (CGST & SGST/UTGST or IGST)

3.0. Refer relevance GST Clauses in Tender.

4.0. Bidders are required to quote for all the items as per Price Bid Format; otherwise, the offer of the bidder will be straightway rejected. The price bid should be properly signed & sealed by the Authorized signatory of the Bidder.

5.0 Bidders are also requested to refer to the Taxes and Duties clause during GST regime attached vide Annexure-I for compliance.

6.0 Price Bid uploaded without giving any of the details of the taxes (Including rates and amounts) will be considered as inclusive of all taxes except PF and GST. When a bidder mentions taxes as extra without specifying the rates & amount, the offer will be loaded with maximum value towards taxes received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, taxes mentioned by OIL on the Purchase Order/ Contracts will be binding on the bidder.

7.0 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.

8.0 Quoted unit rates against each Line Item of the price bidding format shall be considered only up to 2 decimal places without rounding off for evaluation. In case the unit rate against a line item is found blank, the cost of that particular service shall be considered as inclusive in the total offered price.

TAXES AND DUTIES CLAUSE - FOR VENDOR/SUPPLIER/CONTRACTOR
(For Supplies/ Services during GST Regime i.e., New Tender)

INDIRECT TAXES/ GST

1. For the purposes of levy and imposition of GST, the expressions shall have the following meanings:
 - (a) GST - means any tax imposed on the supply of goods and/or services under GST Law.
 - (b) Cess – means any applicable cess, existing or future on the supply of Goods and Services as per Goods and Services Tax (Compensation to States) Act, 2017.
 - (c) GST Law - means IGST Act 2017, CGST Act 2017, UTGST Act, 2017 and SGST Act, 2017 and all related ancillary Rules and Notifications issued in this regard from time to time.
2. **The rates quoted by the bidders shall be inclusive of all taxes, duties and levies.** However, bidders are required to provide separately the rate and amount of all types of taxes, duties and levies. In case, the quoted information related to various taxes, duties & levies subsequently proves wrong, incorrect or misleading, OIL will have no liability to reimburse the difference in the duty/ tax, if the finally assessed amount is on the higher side and OIL will have to right to recover the difference in case the rate of duty/ taxes finally assessed is on the lower side. Further, for the purpose of this contract, it is agreed between the parties that if Goods and Services Tax introduced during the tenure of this contract/agreement then the bidders have to clearly show the amount of GST separately in the Tax Invoices. 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.
3. Offers without giving any of the details of the taxes (Including rates and amounts) as specified above will be considered as inclusive of all taxes including GST. When a bidder mentions taxes as extra without specifying the rates & amount, the offer will be loaded with maximum value towards taxes received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, taxes mentioned by OIL on the Purchase Order/ Contracts will be binding on the bidder.
4. Bidders are required to pass on the benefit arising out of introduction of GST, including seamless flow of Input Tax Credit, reduction in Tax Rate on inputs as well as final goods by way of reduction of price as contemplated in the provision relating to Anti-Profiteering Measure vide Section 171 of the CGST Act, 2017. Accordingly, for supplies made under GST, the bidders should confirm that benefit of lower costs has been passed on to OIL by way of lower prices/taxes and also provide details of the same as applicable. OIL reserves the right to examine such details about costs of inputs/input services of the bidders to ensure that the intended benefits of GST have been passed on to OIL.
5. Oil India Ltd. shall declare the value of free issue of materials and services, if any, involved in the execution of the contract. The Contractor should consider the same while working out the
6. GST liability, if any. Further in cases where GST is leviable on any facilities provided by OIL and used by bidders and the consideration for which is recovered by OIL in the form

of reduction in the invoice raised by bidders then OIL will raise GST invoices on such transactions and the same will be reimbursed by bidders.

7. When Input tax credit is available for Set Off as per the end use certification given by User Department at the time of raising Purchase Requisition (P.R.)

Evaluation of L-1 prices shall be done based on Quoted price after deduction of Input Tax Credit (ITC) of GST, if available to OIL. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders

When Input tax credit is NOT available for Set Off

Evaluation of L-1 prices shall be done based on Quoted price only. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders

8. *In a situation where Purchase Orders (POs)/ Contracts have been placed prior to GST Regime and supplies are effected during GST Regime, it is made clear that any statutory variation (increase/decrease) due to introduction of GST, as the case may be, but within the contractual delivery/completion period will be to the account of OIL subject to documentary evidence. However, any increase in statutory levy after the expiry of the scheduled date of delivery shall be to the supplier's account.*

9. *Bidders agree to do all things not limited to providing GST compliant Tax Invoices or other documentation as per GST law relating to the supply of goods and/or services covered in the instant contract like raising of and /or acceptance or rejection of credit notes / debit notes as the case may be, payment of taxes, timely filing of valid statutory Returns for the tax period on the Goods and Service Tax Network (GSTN), submission of general information as and when called for by OIL in the customized format shared by OIL in order to enable OIL to update its database etc. that may be necessary to match the invoices on GSTN common portal and enable OIL to claim input tax credit in relation to any GST payable under this Contract or in respect of any supply under this Contract.*

10. *In case Input Tax Credit of GST is denied or demand is recovered from OIL by the Central / State Authorities on account of any non-compliance by bidders, including non-payment of GST charged and recovered, the Vendor/Supplier/Contractor shall indemnify OIL in respect of all claims of tax, penalty and/or interest, loss, damages, costs, expenses and liability that may arise due to such non-compliance. OIL, at its discretion, may also withhold/recover such disputed amount from the pending payments of the bidders.*

10. *GST liability, if any on account of supply of free samples against any tender shall be to bidder's account.*

PART-III

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

WORKS CONTRACT

Special Conditions of Contract (SCC)

DESCRIPTION OF WORK/SERVICES: CONSTRUCTION OF TWO NOS. OF EMPLOYEE RESIDENTIAL BUILDINGS AT PS-3, JORHAT, ASSAM INCLUDING ELECTRIFICATION WORKS AND SUPPLY OF ALL MATERIALS EXCEPT CEMENT

SPECIAL CONDITIONS OF THE CONTRACT:

GENERAL

The following special conditions shall be read in conjunction with General Conditions of contract, if there are any provisions in these Special Conditions, which are at variance with the provisions of General Conditions of Contract, the provisions in these special Conditions shall prevail.

(1) The work in general shall be carried out as per approved drawings/ specification of mentioned in the contract/BIS/direction of Engineer-In-Charge.

1.0 The Contract means the documents forming the tender and acceptance thereof and the agreement executed between the competent person on behalf of OIL INDIA LIMITED and the contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Engineer-in-Charge and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.

1.1 The work will be executed as per drawings and direction of Engineer-In-Charge.

1.2 In the contract, the following expressions shall, unless the context otherwise requires, have the meaning, hereby respectively assigned to them.

1.3 DEFINITIONS

a) DRAWINGS mean the drawings referred to in the Bill of Quantities, specifications and any modifications of such drawings or such other drawings as may from time to time be furnished or approved by OIL.

c) APPROVAL means approved in writing including subsequent written confirmation of previous verbal approval.

d) WRITING means any manuscript typed written or printed statement under or over signature and

e) MONTH means English Calendar month 'Day' means a Calendar day of 24 Hrs each.

f) LANGUAGE: All documents & correspondence in respect of this contract shall be in English Language.

g) BILL OF QUANTITIES or SCHEDULE OF QUANTITIES means the priced and completed Bill of Quantities or Schedule of Quantities forming part of the tender.

i) OWNER means OIL INDIA LIMITED

j)TENDER means the Contractor's priced offer to OIL INDIA LIMITED for the execution and completion of the work and the remedying of any defects therein in accordance with the provisions of the Contract, as accepted by the Letter of Intent or Award letter. The word TENDER is synonymous with Bid and the word TENDER DOCUMENTS with "Bidding Documents" or "offer documents".

The headings in the clauses/ conditions of tender documents are for convenience only and shall not be used for interpretation of the clause/ condition.

Words imparting the singular meaning only also include the plurals and vice versa where the context requires. Words imparting persons or parties shall include firms, companies and other organizations having legal capacities.

2.1 LOCATION/APPROACH TO SITE

The proposed site is in within the Pump Station 03, OIL INDIA LIMITED Jorhat, ASSAM.

3.0 SITE VISIT AND COLLECTING LOCAL INFORMATION

Before tendering, the tenderer is advised to visit the site, its surrounding, access and satisfy themselves about the local conditions such as approach roads to the site, availability of water & power supply, application of taxes, duties and levies as applicable, nature of ground, soil and sub-soil condition, underground water table level, accommodations they may require etc., river regime, river water levels, other details of river, streams & any other relevant information required by them to execute complete scope of work. The tenderer may obtain all necessary information as to risks, contingencies & other circumstances which may influence or affect their tender. Tenderer shall be deemed to have considered site conditions whether he has inspected it or not and to have to be satisfied himself in all respect before quoting his rates and no claim or extra charges whatsoever in this regard shall be entertained / payable by the OIL INDIA LIMITED later.

3.1 ACCESS BY ROAD

Contractor, if necessary, shall build temporary access roads to the actual site of construction for the works at his own cost to make the site accessible. The Contractor shall maintain the same in motor able condition at all the times as directed by Engineer- in-Charge at his own cost. The contractor shall be required to permit the use of any roads so constructed by him for vehicles of OIL INDIA LIMITED or any other agencies/ contractors who may be engaged on the project site, free of cost. Non-availability of access roads or approach to site, for the use of the contractor shall in no case condone any delay in the execution of work nor be the cause for any claim for compensation.

As the project site is within protected area of Oil India Limited, the contractor shall be required to arrange entry gate pass from the CISF/ OIL for all his engaged manpower and vehicles deployed in this project.

3.2 HANDING OVER & CLEARING OF SITE

3.2.1 The Contractor should note that area for construction may be made available in phases as per availability and in conjunction with pace of actual progress of work at site. The work may be required to be carried out in constrained situations. The work is to be carried out in such a way that the traffic, people movement, if any, is kept operative and nothing extra shall be payable to the contractor due to this phasing / sequencing of the work. The contractor is required to arrange the resources to complete the entire project within total stipulated time. Traffic diversion, if required, is to be done and maintained as

per specification by the contractor at his own cost and the contractor shall not be entitled for any extra payment, whatsoever, in this regard.

3.2.2 The efforts will be made by the OIL INDIA LIMITED to handover the site to the Contractor free of encumbrances. However, in case of any delay in handing over of the site to the Contractor, the OIL INDIA LIMITED shall only consider suitable extension of time for the execution of the work. It should be clearly understood that OIL INDIA LIMITED shall not consider any revision in contract price or any other compensation whatsoever viz. towards idleness of Contractor's labour, equipment etc.

3.2.3 Necessary arrangements including its maintenance are to be made by the contractor for temporary diversion of flow of existing drain and road, as the case may be. The existing drain, road would be demolished, wherever required, with the progress of work under the scope of proposed project.

The contractor is eligible for payment for dismantling of 02 (Two) Nos. of old quarters present in the project site and stacking of materials as directed from OIL.

3.2.4 Contractor is responsible to maintain a dust free environment in and around the construction site. He/she has to provide sufficient watering over the area as well as on the roads or as per the direction of OIL. The contractor is also responsible to clean the roads inside the PS-3 campus by proper brooming as per the direction of OIL. The contractor is liable to execute all the construction activities with minimum noise pollution considering the residential quarters in vicinity. He/she is also responsible for proper barricading of at least 4.0 Meters height at the periphery of construction area for proper isolation of the construction site. No extra payment for the aforesaid works will be made to the contractor.

3.2.5 The contractor has to submit a site plan for setting up elements of the work site viz; offices, laboratory, godowns, labour camps, steel yard, machinery area etc. to OIL.

4.0 SCOPE OF WORK

4.1 The scope of work covered in this tender shall be as per the Bill of Quantities, specifications, drawings, instructions, orders issued to the contractor from time to time during the work. The drawings for this work, which may be referred for tendering, provide general idea only about the work to be performed under the scope of this contract. These may not be the final drawings and may not indicate the full range of the work under the scope of this contract. Drawings released as "GOOD FOR CONSTRUCTION" from time to time by the Engineer-in-charge and to be executed according to any additions/ modifications/ alterations/ deletions made from time to time, as required by any other drawings that would be issued to the contractor progressively during execution of work.

4.2 The quantities of various items as entered in the "BILL OF QUANTITIES" are indicative only and may vary depending upon the actual requirement. The contractor shall be bound to carry out and complete the stipulated work irrespective of the variation in individual items specified in the bill of quantities.

5.0 ACCEPTANCE OF TENDER

5.1 Once the tenderer has given an unconditional acceptance to the tender conditions in its entirety, he is not permitted to put any remark(s)/conditions(s) in/ along-with the tender.

5.2 In case the condition 5.1 mentioned above is found violated at any time after opening of tender, the tender shall be summarily rejected.

5.3 OIL INDIA LIMITED reserves to itself the authority to reject any or all the tenders received without assigning any reason. The acceptance of a tender shall be effective w.e.f. the last date of submission of bids.

6.0 TRANSFER OF BID DOCUMENTS

Transfer of bid documents purchased by one intending bidder to another is not permissible.

7.0 The OIL INDIA LIMITED reserves the right to award the work to a single party or to split the work amongst two or more parties as deemed necessary without assigning any reason whatsoever.

8.0 MOBILISATION OF MEN, MATERIALS AND MACHINERY:

8.1 All expenses towards mobilization at site and de-mobilization including bringing in equipment, work force, materials, dismantling the equipment, clearing the site etc. shall be deemed to be included in prices quoted and no separate payment on account of such expenses shall be entertained.

8.2 It shall be the responsibility of the Contractor to provide, operate and maintain all necessary construction equipment, scaffoldings and safety, gadget, lifting tackles, tools and appliances to perform the work in a workman like and efficient manner and complete all jobs as per the specifications and within the schedule time of completion of work. Further, contractor shall also be responsible for obtaining temporary electric and water connection for all purposes. The contractor shall also make standby arrangement for water & electricity to ensure un-interrupted supply.

8.3 It shall be the responsibility of the contractor to obtain the approval for any revision and/ or modification of work desired by him from OIL INDIA LIMITED before implementation. Also such revisions and/or modifications if accepted / approved by the OIL INDIA LIMITED shall be carried at no extra cost to OIL INDIA LIMITED.

8.4 The procurement and supply in sequence and at the appropriate time of all materials and consumable shall be entirely the contractor's responsibilities and his rates for execution of work shall be inclusive of supply of all these items.

8.5 It is mandatory for the contractor to provide safety equipment and gadgets to its all workers, supervisory and Technical staff engaged in the execution of the work while working. The cost of the above equipment/ gadgets is deemed to be included in the rates quoted by the contractor for the items & works as per Bill of Quantities and contractor shall not be entitled for any extra cost in these regard. The above norm is to be strictly complied with at site. In case the contractor is found to be deficient in providing Safety Equipment/ Gadgets in the opinion of Engineer-in-charge, the Engineer-in-charge at his option can procure the same at the risk & cost of contractor and provide the same for the use of worksite and shall make the recoveries from the bills of the contractor for the same. The decision of the Engineer-in-charge shall be final and binding on contractor in this regard.

8.6 All materials, construction plants and equipment etc. once brought by the contractor within the project area, will not be allowed to be removed from the premises without the written permission of the OIL INDIA LIMITED. Similarly, all enabling works built by the contractor for the main construction undertaken by him, shall not be dismantled and removed without the written authority of the OIL INDIA LIMITED.

8.7 SUB CONTRACTING:

Contractor shall not subcontract or assign, in whole or in part, its obligations to perform under this contract, except with Company's prior written consent.

9.0 INCOME TAX DEDUCTION

Income tax deductions shall be made from all payments made to the contractor including advances against work done, as per the rules and regulations in force, in accordance with the Income Tax Act prevailing from time to time.

10.0 Not applicable.

11.0 RATES TO BE FIRM

11.1 The Percentage / Item rates quoted by the tenderer shall be firm and fixed for the entire period of completion and till handing over of the work. No revision to Percentage /Item rates or any escalation shall be allowed on account of any increase in prices of materials, labour, POL and Overheads etc or any other statutory increase during the entire contract period or extended contract period.

11.2 The contractor shall be deemed to have inspected the site, it's surrounding and acquainted with the nature of the ground, accessibility of the site and full extent and nature of all operations necessary for the full and proper execution of the contract, space for storage of materials, constructional plant, temporary works, restrictions on the plying of heavy vehicles in area, supply and use of labour, materials, plant, equipment and laws, rules and regulations, if any, imposed by the local authorities.

11.3 The rates and prices given in the bill of quantities are for completed and finished items of works and complete in all respects. It will be deemed to include all constructional plant, labour, supervision, materials, transport, all temporary works, erection, maintenance, contractor's profit and establishment/ overheads, together with preparation of designs & drawings pertaining to casting yard, shop drawing, fabrication drawing (if required), staging form work, stacking yard, etc. all general risk, taxes excluding GST (if any), royalty ,duties, cess, octroi and other levies, insurance liabilities and obligations set out or implied in the tender documents and contract.

11.4 Unless otherwise specified in the Bill of Quantities (BOQ), the contractor has to make his own arrangement for dewatering/ bailing out of water, effluent including strutting, shoring etc at every stage of work wherever required including working under foul condition as per direction of Engineer-in-Charge at his own cost and the contractor shall not be entitled for any extra payment, whatsoever, in this regard.

11.5 If required to make work site suitable for execution, contractor shall have to clear jungle including of rank vegetation, grass, trees etc., clear & clean existing drains/ canals (including strutting, shoring and packing cavities) and dispose them out of the site up-to any lead and lift as per direction of Engineer-in-charge/OIL. The contractor should inspect the site of work from this point of view. Unless otherwise specified in the Bill of Quantities, the cost to be incurred in this regard shall be deemed to be included in his quoted rates of BOQ items and the contractor shall not be entitled for any extra payment in this regard.

11.6 If any temporary/ permanent structure is encountered or safety of such structure in the vicinity is endangered due to execution of the project, the contractor has to protect the structures by any means as per the directions of the Engineer - in - Charge/OIL. If any damage caused to any temporary or permanent structure(s) in the vicinity is caused due to execution of the project, the contractor has to make good the same by any means as per directions of the Engineer - in - Charge/OIL. The contractor should inspect the site of work from this point of view. The cost to be incurred in this regard shall be deemed to be included in his quoted rates of BOQ items and the contractor shall not be entitled for any extra payment in this regard.

11.7 FOREST ROYALTY:

The contractor shall provide all labour, supervision and transport and such specified materials described in 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.

Contractor shall have to produce necessary cash memos towards forest produce used against the contract to the office of the GM-CIVIL(PL) used against this contract from the authorities prior to processing of final payment. In absence of cash memos, the final bill shall not be processed.

12.0 ESCALATION/ PRICE VARIATION

No claim on account of any price variation / Escalation on whatsoever ground shall be entertained at any stage of works. All Percentage / item rates as per Bill of Quantities (BOQ) quoted by Contractor shall be firm and fixed for entire contract period as well as extended period for completion of the works. No escalation/price variation clause shall be applicable on this contract.

The rates and prices to be tendered in the bill of quantities are for completed and finished items of works and complete in all respects. It will be deemed to include all constructional plant, labour, supervision, materials, transport, all temporary works, erection, maintenance, contractor's profit and establishment / overheads, together with preparation of designs drawings pertaining to casting yard (if required). Staging form work, stacking yard, etc, all general risk, insurance liabilities and obligations set out or implied in the tender documents and contract.

13.0 LABOUR LAWS TO BE COMPLIED BY THE CONTRACTOR

The contractor shall comply all the provisions of applicable Labour Laws. The contractor shall obtain a valid license under the contract labour (R & A) Act 1970 and the contract labour Act (R&A) Central Rules 1971 and amended from time to time, and continue to have a valid license until the completion of the work including defect liability period. The contractor shall also abide by the provision of the child labour (Prohibition and Regulation) Act-1986 and amended from time to time. Any failure to fulfil this requirement shall attract the penal provisions of this contract arising out the resultant for non-execution of the work before the commencement of work.

14.0 **Labour Clearance Certificate (LCA) and Release of Security Deposit after Labour Officer clearance**

The contractor shall obtain and submit 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 of the contract, 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 the GCC 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 attributable to the contractor or not shall be taken by the head of indenting department and the work order will be issued accordingly.

14.1 No labour below the age of 18 years shall be employed on the work.

15.0 OBSERVANCE OF LABOUR LAWS

15.1 The contractor shall be fully responsible for observance of all labour laws applicable including local laws and other laws applicable in this matter and shall indemnify and keep indemnified OIL INDIA LIMITED against effect or non-observance of any such laws. The contractor shall be liable to make payment to all its employees, workers and sub-contractors and make compliance with labour laws. If OIL INDIA LIMITED is held liable as "Principal Employer" to pay contributions etc. under legislation of Govt. or Court decision in respect of the employees of the contractor, then the contractor would reimburse the amount of such payments, contribution etc. to OIL INDIA LIMITED and/ or same shall be deducted from the payments, security deposit etc. of the contractor.

15.2 The Contractor shall submit proof of having valid EPF registration certificate.

15.3 **BUILDING AND OTHER CONSTRUCTION WORKER'S ACT**

In order to govern welfare and working conditions of labourers engaged in construction activities, the Building and other Construction Workers' (Regulation of Employment and conditions of Service "RE&CS") Act, 1996 came into force. RE&CS Act'1996 as applicable in respect of building and other construction work. Wherever applicable, The CONTRACTOR shall strictly comply with the following provisions pertaining to RE & CS Act' 1996.

16.0 LAW GOVERNING THE CONTRACT

The Indian Laws shall govern this contract for the time being in force.

17.0 LAWS, BY LAWS RELATING TO THE WORK

The contractor shall strictly abide by the provisions, for the time being in force, of law relating to works or any regulations and bylaws made by any local authority or any water & lighting agencies or any undertakings within the limits of the jurisdiction of which the work is proposed to be executed. The contractor shall be bound to give to the authorities concerned such notices and take all approvals as may be provided in the law, regulations or bylaws as aforesaid, and to pay all fees and taxes payable to such authorities in respect thereof.

18.0 TECHNICAL STAFF FOR WORK

18.1 The contractor shall employ at his cost the adequate number of technical staff during the execution of this work depending upon the requirement of work. For this purpose, the numbers to be deployed, their qualification, experience as decided by OIL INDIA LIMITED shall be final and binding on contractor. The contractor shall not be entitled for any extra payment in this regard. The technical staff should be available at site, whenever required by OIL INDIA LIMITED to take instructions.

18.2 Within 14 days of letter of intent, the contractor shall submit a site organizational chart and Resume/CVs including details of experience of the Project-in-Charge and other staff proposed by him and shall depute them on the Project after getting approval from Engineer-in-Charge/OIL. If desired by the contractor at a later date, the Project-in-Charge and other staff whose resume is approved by OIL INDIA LIMITED can be replaced with prior written approval of OIL INDIA LIMITED and replacement shall be with equivalent or superior candidate only. Decision of OIL shall be final and binding on the contractor. Even after approving the site organizational chart, the Engineer-in-Charge, due to nature and exigency of work, can direct the contractor to depute additional staff as per the requirement.

The removal of such additional staff from the site shall only be with the prior written approval of Engineer-in-Charge/OIL. The contractor shall not be paid anything extra whatsoever on account of deployment of additional staff and decision of the Engineer-in-Charge/OIL shall be final and binding on the contractor.

The minimum numbers of personnel for the project are as follows:

- (a) Civil Engineer -01 No
- (b) Minimum Educational qualifications: Diploma in Civil Engineering from a Govt recognized Polytechnic.
- (c) Experience: Shall have minimum 08 years of experience in Building construction work.
- (d) Other Criteria: (i) Shall be conversant in English, Hindi and Assamese. (ii) Age shall be less than 45 Years (ii) Shall be conversant in MS office/ Excell. (iii) Shall be of sound mental and physical health.
- (e) Period of deployment: From the date of Commencement as per work order issued till handing over of the Project

In case the contractor fails to employ the staff as aforesaid, an amount of Rs.50,000.00/- (Rupees Fifty Thousand only) shall be recovered for each month of default subject to 04 days maximum allowable absence days in each month. When deployed the personnel shall report to the Office of the In-charge, Pump Station-3, Jorhat at 08:00 Clock in the Morning and prior to leaving the site.

19.0 LAND FOR LABOUR HUTS/ SITE OFFICE AND STORAGE ACCOMMODATION

19.1 The contractor shall arrange the land for temporary office, storage accommodation and labour huts at his own cost and get the clearance of local authorities (as required) for setting up of labour camp and same is deemed to be included in the rates quoted by the contractor for the works. Permission to construct such structure within OIL's premises is the discretion of OIL INDIA LIMITED. The contractor shall ensure that the area of labour huts is kept clean and sanitary conditions are maintained as laid down by the local authorities controlling the area. The labour huts shall be so placed that it does not hinder the progress of work or access to the worksite. Contractor shall give the vacant possession of the land utilised for this purpose back after completion of the work.

19.2 In the event the contractor has to shift his labour campus at any time during execution of the work on the Instructions of local authorities or as per the requirement of the work progress or as may be required by OIL INDIA LIMITED, he shall comply with such instructions at his risk & cost and no claim whatsoever shall be entertained on this account.

20.0 The contractor shall make all arrangements for ground breaking ceremony/ inaugural function etc, if arranged for the project as required and the cost towards it deemed to be included in his rates/offer.

21.0 WATCHING AND LIGHTING

The contractor shall at his own cost take all precautions to ensure safety of life and property by providing necessary barriers, lights, watchmen etc. during the progress of work as directed by Engineer-in-Charge/OIL.

22.0 HEALTH & SANITARY ARRANGEMENTS

In case of all labour directly or indirectly employed in work for the performance on the contractor's part of this contract, the contractor shall comply with all rules framed by Govt. from time to time for the protection of health and sanitary arrangements for workers. Please refer to clauses of the contract

23.0 WORKMEN'S COMPENSATION ACT

The contractor shall at all times indemnify OIL INDIA LIMITED and Owner against all claims for compensation under the provision of workmen's compensation Act or any other law in force, for any workmen employed by the contractor or his sub-contractor in carrying out the contract and against all costs and expenses incurred by the OIL INDIA LIMITED therewith.

24.0 MINIMUM WAGES ACT

The contractor shall comply with all the provisions of the minimum wages Act, 1948, contract labour Act (R&A) 1970, and rules framed there under and other labour laws/local laws affecting contract labour that may be brought into force from time to time.

25.0 RELEASE OF SECURITY DEPOSIT AFTER LABOUR CLEARANCE

Security Deposit of the work shall not be refunded till the contractor produces a clearance certificate from the Labour Officer. As soon as the work is virtually complete, the contractor shall apply for the clearance certificate to the Labour Officer under intimation to the Engineer-in-Charge/OIL. The Engineer-in-Charge/OIL, on receipt of the said communication, shall write to the Labour Officer to intimate if any complaint is pending against the contractor in respect of the work. If no complaint is pending, on record till after 3 months after completion of the work and/or no communication is received from the Labour Officer to this effect till six months after the date of completion, it will be deemed to have received the clearance certificate and the Security deposit will be released if otherwise due.

No interest shall be payable by the OIL INDIA LIMITED on the said amount covered under PBG/SD/ Other security deposits/ amount hold due to any other reason.

26.0 MEASUREMENTS OF WORKS

Unless otherwise mentioned in the bill of quantities the measurements of works shall be done as per BIS/ CPWD specifications.

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 advise 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.

26.1 COMPUTERISED MEASUREMENT BOOK:

Engineer-in-Charge shall, except as otherwise provided, ascertain, and determine by measurement the value of work done in accordance with the Contract. All measurements of all items having financial value shall be entered by the Contractor and compiled in the shape of the Computerized Measurement Book having pages of A-4 size as per the format

laid down by the Engineer-in-Charge, so that a complete record is obtained of all the items of works performed under the Contract.

All such measurements and levels recorded by the Contractor or his authorized representative from time to time, during the progress of the work, shall be got checked by the Contractor from the Engineer or his authorized representative as per interval of program fixed in consultation with Engineer or his authorized representative. All calculations shall be done using relevant formulae. All carried forward figures be those in the measurement portion or in the abstract, shall have linkage to the cell where from it is carried forward. No quantity without linkage to its reference cell shall be permitted. Measurements thus recorded shall however be admitted for payment only after confirmation of compliance to other stipulations laid down in the contract.

After the necessary corrections made by the Engineer, the measurement sheets shall be returned to the Contractor for incorporating the corrections and for resubmission to the Engineer for the dated signatures by the Engineer and the Contractor or their representatives in token of their acceptance.

Whenever Bill is due for payment, the Contractor would initially submit draft computerized measurement sheets and these measurements would be got checked/test checked by the Engineer and/or his authorized representative. The Contractor will, thereafter, incorporate such changes arising out of these checks/test checks, in his draft computerized measurements, and submit to the Engineer a computerized Measurement Book, duly bound, and with its pages machine/computer numbered. The Engineer and/or his authorized representative would thereafter check the MB, and record the necessary certificate for their checks/test checks.

The final, fair, computerized Measurement Book given by the Contractor, duly bound, with its pages machine/computer numbered, should be 100% correct, and no cutting or overwriting in the measurements would thereafter be allowed. If at all any error is noticed, the Contractor shall have to submit a fresh computerized MB with its pages duly machine/computer numbered and bound, after getting the earlier MB cancelled by the engineer. Thereafter, the MB shall be taken in the Engineer's Office records, and allotted a number as per the Register of Computerized MBs. This shall be done by the Engineer before the corresponding Bill is submitted to the Office of Engineer-in-Charge for payment. The Contractor shall submit two spare copies of such computerized MB's for the purpose of reference and record by the various officers of the Employer.

The contractor shall submit separate soft and hard copies of Measurement Books containing details of measurements and a separate soft and hard copy of abstract of measurements. For recording measurements and also for preparing abstract, the contractor shall use black font with standard type and size (Font size minimum 11). The contractor shall certify that there are no hidden cells in the computerized measurement books.

The Contractor shall, without extra charge, provide all assistance with every appliance, labour and other things necessary for checking of measurements / levels by the Engineer-in- Charge or his representative.

The Contractor shall give not less than Ten days' notice to the Engineer or his authorized representative in charge of the work before covering up or otherwise placing beyond the reach of checking and/or test checking the measurement of any work in order that the same may be checked and/or test checked and correct dimensions thereof be taken before the same is covered up or placed beyond the reach of checking and/or test checking measurement.

Engineer or his authorized representative may cause either themselves or through another agency to check the measurements recorded by the Contractor and all provisions stipulated herein above shall be applicable to such checking of measurements or levels.

It is also a term of this Contract that checking and/or test checking the measurements of any item of work in the measurement book and/or its payment in the interim, on account of final bill shall not be considered as conclusive evidence as to the sufficiency of any work or material to which it relates and it shall not relieve the contractor from liabilities from any over measurement or defects noticed till completion of the defects liability period.

27.0 PAYMENTS

27.1 The bill shall be submitted by contractor each month on or before the date fixed by the Engineer-in-Charge for all works executed in previous months. The contractor shall prepare computerized bills using the program as approved by Engineer-in-Charge as per prescribed format/ pro-forma. The Contractor shall submit minimum 02 numbers of hard copies and one soft copy through e-mail all bills.

27.2 All running payments shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed and / or accepted by OIL INDIA LIMITED and shall not preclude the recovery for unsound and imperfect or unskilled work to be removed and taken away and reconstructed or re-erected or be considered as an admission of the due performance of the Contract, or any part thereof, in this respect, or the accruing of any claim, nor shall it conclude, determine or affect in any way the powers of the OIL INDIA LIMITED under these conditions or any of them as to the final settlement and adjustments of the accounts or otherwise, or in any other way vary/ affect the contract. The contractor shall submit the final bill within three months of the completion of work, otherwise OIL INDIA LIMITED's certificate of the measurement and of the total amount payable for the work accordingly shall be final and binding on contractor.

27.3 It is clearly agreed and understood by the Contractor that notwithstanding anything to the contrary that may be stated in the agreement between OIL INDIA LIMITED and the contractor; the contractor shall become entitled to payment for the bills submitted. Any delay in the release of payment by the OIL INDIA LIMITED to the contractor shall not entitle the contractor to any compensation/ interest from OIL INDIA LIMITED.

27.4 VIM Portal payment system: Contractor has to submit an e-invoice through VIM portal for processing of payment.

27.5 Final Bill: The final bill shall be submitted by the contractor in the same manner as specified in interim bills within three months of physical completion of the work or handed over of the project whichever is later. No further claims shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished.

Final bill should be accompanied by labour clearance certificate, No claim certificate from contractor, test certificates, Insurance policies and all other documents as desired from EIC/ OIL.

28.0 WORK ON SUNDAYS, HOLIDAYS AND DURING NIGHT

For carrying out work on Sunday and Holidays or during night, the contractor will approach the Engineer-in-Charge or his representative at least 03 (three) working days in advance and obtain his permission. The Engineer-in-Charge at his discretion can refuse such permission. The contractor shall have no claim on this account whatsoever. If work demand, the contractor shall make arrangements to carry out the work on Sundays,

Holidays and in two, three shifts with the approval of Engineer-in-Charge at no extra cost to OIL INDIA LIMITED.

29.0 NO IDLE CHARGES TOWARDS LABOUR OR P&M ETC.

No idle charges or compensation shall be paid for idling of the contractor's labour, staff or P&M etc. on any ground or due to any reason whatsoever. OIL INDIA LIMITED will not entertain any claim in this respect.

30.0 WORK TO BE EXECUTED IN ACCORDANCE WITH SPECIFICATIONS, DRAWINGS AND ORDERS ETC.

The contractor shall execute the whole and every part of the work in the most substantial and workman like manner both as regards materials and otherwise in every respect in strict accordance with the specifications. The contractor shall also conform exactly, fully and faithfully to the design, drawings and instructions in writing in respect of the work assigned by the Engineer-in-Charge and the contractor shall be furnished free of charge one copy of the contract documents together with specifications, designs, drawings.

The contractor shall comply with the provisions of the contract and execute the works with care and diligence and maintain the works and provide all labour and materials, tools and plants including for measurements and supervision of all works, structural plans and other things of temporary or permanent nature required for such execution and maintenance in so far as the necessity for providing these is specified or is reasonably inferred from the contract. The contractor shall take full responsibility for adequacy, suitability and safety of all the works and methods of construction.

31.0 DIRECTION FOR WORKS

31.1 All works to be executed under the contract shall be executed under the directions and subject to approval in all respects of the Engineer-in-Charge / OIL INDIA LIMITED who shall be entitled to direct at what point or points and in what manner the works are to be commenced and executed.

31.2 The Engineer-in-Charge and his representative shall communicate or confirm their instructions to the contractor in respect of the execution of work during their site inspection in a 'Works Site Order Book' maintained at the site office of Engineer-in-Charge. The contractor or his authorized representative shall confirm receipt of such instructions by signing against the relevant orders in the book.

32.0 TIME SCHEDULE & PROGRESS

32.1 Time allowed for carrying out all the works as entered in the tender shall be as mentioned in the Tender conditions. The Date of start of work shall be reckoned from the date mentioned in the work order through post/FAX/E-mail. Time shall be the essence of the contract and contractor shall ensure the completion of the entire work within the stipulated time of completion.

32.2 The contractor shall also furnish within 14 days of date of receipt of LOI/LOI, a Bar Chart along with quarterly milestones and resources plan for man, material & machinery to achieve the milestones for completion of work within stipulated time.

32.3 Contractor shall mobilize and employ sufficient resources for completion of all the works as indicated in the BAR CHART. No additional payment will be made to the

contractor for any multiple shift work or other incentive methods contemplated by him in his work schedule even though the time schedule is approved by the Engineer-in- Charge.

33.0 WATER AND ELECTRICITY

The contractor shall make his own arrangement for Water & Electrical power for construction and other purposes at his own cost and pay requisite electricity and water charges. The contractor shall also make standby arrangement for water & electricity to ensure un-interrupted supply. However, the contractor will be required to take prior permission in this regard from OIL (if required).

34.0 MATERIALS TO BE PROVIDED BY THE CONTRACTOR

The contractor shall, at his own expense, provide all materials, required. The contractor shall at his own expense and without delay; supply to the Engineer-in- Charge samples of materials to be used on the work and shall get the same approved in advance. All such materials to be provided by the Contractor shall be in conformity with the specifications laid down or referred to in the contract. The contractor shall, if required by the Engineer-in- Charge furnish proof, to the satisfaction of the Engineer-in- Charge that the materials so comply.

The contractor shall at his cost, submit the samples of materials to be tested or analyzed and bear all charges and cost of testing unless specifically provided or otherwise elsewhere in the contract or specifications. The Engineer-in-Charge or his authorized representative shall at all times have access to the works and to all workshops and places where work is being prepared or from where materials, manufactured articles or machinery are being obtained for the works and the contractor shall afford every facility and every assistance and cost in obtaining the right and visit to such access.

The Engineer-in-Charge/OIL shall have full powers to require the removal from the premises of all materials, which in his opinion are not in accordance with the specifications and in case of default, the Engineer-in-Charge shall be at liberty to employ at the expense of the contractor, other persons to remove the same without being answerable or accountable for any loss or damage that may happen or arise to such materials. The Engineer-in-Charge shall also have full power to require other proper materials to be substituted thereof and in case of default, the Engineer-in-Charge may cause the same to the supplies and all costs which may require such removal and substitution shall be borne by the contractor.

35.1 CEMENT AND CEMENT GODOWN

Cement shall be procured by Contractor confirming to BIS: 8112 Specification latest edition or higher Grade as directed by the Engineer-in-Charge/OIL.

36.2 STEEL & STEEL STOCKYARD

Steel confirming to BIS specifications (latest edition) shall be procured by the contractor.

Reinforcement steel, structural steel shall be stored and stacked in such manner so as to facilitate easy identification, removal etc. The contractor shall take proper care to prevent direct contact between the steel and the ground/ water for which he shall provide

necessary arrangement at his own cost including ensuring proper drainage of area to prevent water logging as per directions of the Engineer-in-Charge.

37.0 SCHEDULE OF QUANTITIES / BILL OF QUANTITIES/ QUANTITY VARIATION

37.1 The work under this contract shall be carried out as per BOQ cum rate schedule. In case the description /specification as per BOQ are found to be incomplete OIL/CPWD specifications shall be followed. Quantities mentioned in the rate schedule are approx. only and liable for variation due to change of scope of work/variation in schedule of quantities, changes in design etc. The tenderers shall under take to execute actual quantities as per advise of Engineer-In -Charge/OIL and accordingly the final contract price shall be worked out on the basis of quantities actually executed at site in payments will also be regulated for the same. The quantities indicated against each item may vary to any extent and no compensation will be payable in variation of individual quantity to the extent sanction is available.

37.2 All items of work in the bill of quantities/ schedule of quantities shall be carried out as per the OIL/CPWD specifications, drawings and instructions of the Engineer-in-Charge and the rates shall include for supply of required materials including proper storage, consumables, skilled & unskilled labour, supervision and tools, tackles, plant & machinery complete as called for in the detailed specifications and conditions of the contract. The Contractor without the approval of the Engineer-in-Charge/OIL shall execute no item, which is not covered in the bill of quantities. In case any Extra/Substituted item is carried out without specific-approval, the same will not be paid.

38.0 MATERIALS AND SAMPLES

38.1 The contractor shall submit samples/ specimens out of approved makes of materials/ products to the Engineer-in-Charge for prior approval. In exceptional circumstances Engineer-in-Charge may allow alternate equivalent makes/ brands of products/ materials at his sole discretion. The final choice of brand/ make shall remain with the Engineer-in-Charge, whose decision in this matter shall be final and binding and nothing extra on this account shall be payable to the Contractor.

The above provisions shall not absolve the contractor from the quality of final product and in getting the material and workmanship quality checked and approved from the Engineer-in-Charge.

The approved samples shall be kept in the custody of the Engineer- in-Charge till completion of the work. Thereafter the samples except those destroyed during testing shall be returned to the contractor. No payment will be made to the contractor for the samples or samples destroyed in testing.

38.2 WORKS TO BE OPEN TO INSPECTION

All works executed or under the course of execution in pursuance of this contract shall at all times be open to inspection and supervision of the Engineer-in-Charge / OIL INDIA LIMITED. The work during its progress or after its completion may also be inspected, by Chief Technical Examiner of Government of India (CTE) and/ or an inspecting authority of State Government of State in which work is executed and/or by third party checks by owner/ clients. The compliance of observations/ improvements as suggested by the

Engineer-in-Charge /OIL INDIA LIMITED /CTE/ State authorities/ Owners shall be obligatory on the part of the Contractor at the cost of contractor.

39.0 BORROW AREAS

The contractor shall make his own arrangements for borrow pits and borrow disposal areas including their approaches and space for movement of man, machinery, other equipment as required for carrying out the works. The contractor shall be responsible for taking all safety measures, getting approval, making payment of royalties, charges etc. and nothing extra shall be paid to the contractor on this account and rates quoted by the contractor for various items of bill of quantities shall deemed to include the same.

40.0 CARE OF WORKS

From the commencement to the completion of works and handing over, the contractor shall take full responsibility for care thereof all the works and in case of any damage/loss to the works or to any part thereof or to any temporary works due to lack of Precautions or due to negligence on part of Contractor, the same shall be made good by the Contractor.

41.0 WORK IN MONSOON AND DEWATERING

The execution of the work may entail working in the monsoon also. The contractor must maintain labour force as may be required for the job and plan and execute the construction and erection according to the prescribed schedule. No special/ extra rate will be considered for such work in monsoon. The contractor's rate shall be considered inclusive of cost of dewatering required if any and no extra rate shall be payable on this account.

42.0 NO COMPENSATION FOR CANCELLATION/ REDUCTION OF WORKS

If at any time after the commencement of the work OIL INDIA LIMITED for any reason whatsoever is required to abandon the work or is not require the whole work thereof as specified in the tender to be carried out, OIL shall give notice in writing of the fact to the contractor, who shall have no claim to any payment of compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work in full, but which he did not derive in consequence of the full amount of the work not having been carried out or fore-closure, neither shall he have any claim for compensation by reason of any alterations having been made in the original specifications, drawings, designs and instructions which shall involve any curtailment of the work as originally contemplated. Provided that the contractor shall be paid the charges on the cartage only of materials actually and bonafide brought to the site of the work by the contractor and rendered surplus as a result of the abandonment or curtailment of the work or any portion thereof and then taken back by the contractor, provided however, that the Engineer-in-Charge shall have in all such cases the option of taking over all or any such materials at their purchase price or at local current rates whichever may be less.

43.0 PROHIBITION OF UNAUTHORISED CONSTRUCTION & OCCUPATION

No unauthorized buildings, construction of structures should be put up by the contractor anywhere on the project site, neither any building built by him shall be un-authorized occupied by him or his staff.

44.0 CO-ORDINATION WITH OTHER AGENCIES

Work shall be carried out in such a manner that the work of other Agencies operating at the site is not hampered due to any action of the Contractor. Proper Co-ordination with other Agencies will be Contractor's responsibility. In case of any dispute the decision of Engineer-in-Charge shall be final and binding on the contractor. No claim whatsoever shall be admissible on this account.

45.0 SETTING OUT OF THE WORKS

The contractor shall be responsible for the true and proper setting out of the works and for the correctness of the position, levels, dimensions and alignment of all parts of the works. If at any time during the progress of works, shall any error appear or arise in the position, levels, dimensions or alignment of any part of the works, the contractor shall at his own expenses rectify such error to the satisfaction of Engineer-in-charge. The checking of any setting out or of any line or level by the Engineer-in-Charge shall not in any way relieve the contractor of his responsibility for the correctness.

46.0 NOTICE BEFORE COVERING UP THE WORK

The contractor shall give not less than Ten days notice before covering up or otherwise placing beyond the reach of measurement any work, to the Engineer-in-charge in order that the same may be inspected and measured. If any work is covered up or placed beyond the reach of Inspection/ measurement without such notice or his consent being obtained the same shall be uncovered at the contractor's expenses and he shall have to make it good at his own expenses.

47.0 SITE CLEARANCE

The contractor shall ensure that the working site is kept clean and free of obstructions for easy access to job site and also from safety point of view. Before handing over the work to the Engineer-in-Charge and OIL INDIA LIMITED the contractor shall remove all temporary structures like the site offices, cement godown, stores, labour hutments etc., scaffolding rubbish, left over materials tools and plants, equipments etc., clean and grade the site to the entire satisfaction of the Engineer-in-charge. If this is not done the same will be got done by Engineer-in-Charge and OIL INDIA LIMITED at his risk and cost.

The contractor shall clean all floors, remove cement/ lime/ paint drops and deposits, clean joinery, glass panes etc., touching all painter's works and carry out all other necessary items of works to make the premises clean and tidy before handing over the building, and the Percentage rates quoted by the contractor shall be deemed to have included the same.

48.0 VALUABLE ARTICLES FOUND AT SITE

All gold, silver and other minerals of any description and all precious stones, coins, treasure, relics, antiques and all other similar things which shall be found in, under or upon the site, shall be the property of the owner/ Government and the contractor shall duly preserve the same to the satisfaction of Engineer-in-charge and shall from time to time deliver the same to such person or persons indicated by the OIL INDIA LIMITED.

49.0 MATERIALS OBTAINED FROM DISMANTLEMENT TO BE OWNER'S PROPERTY

All materials obtained in the work of dismantling, excavation etc. will be owner/government property.

50.0 SET-OFF OF CONTRACTOR'S LIABILITIES

Engineer-in-Charge shall have the right to deduct or set off the expenses incurred or likely to be incurred by it in rectifying the defects and/or any claim under this agreement against the Contractor from any or against any amount payable to the contractor under this agreement including security deposit and proceeds of performance guarantee.

51.0 MATERIALS PROCURED WITH THE ASSISTANCE OF OIL INDIA LIMITED

If any material for the execution of this contract is procured with the assistance of OIL INDIA LIMITED either by issue from its stores or purchase made under orders or permits or licenses obtained by OIL INDIA LIMITED, the contractor shall hold and use the said materials economically and solely for the purpose of this contract and shall not dispose them without the permission of Engineer-in-charge. The contractor, if required by the OIL INDIA LIMITED, shall return all such surplus or unserviceable materials that may be left with him after the completion of the contract or at its termination on whatsoever reason, on being paid or credited such price as the OIL INDIA LIMITED shall determine having due regard to the conditions of materials.

52. Abnormally High Rated Items (AHR Items):

In item rates contract where the quoted rates for the items exceed 50% of the owners/estimated rates, such items will be considered as Abnormally High Rated (AHR) items and payment of AHR items beyond the SOR stipulated quantities shall be made at the least of the following rates:

- (i) Rates as per SOR, quoted by the contractor.
- (ii) Rates of the item which shall be derived as follows:
 - a. Based on rates of machine and labour as available from the contract (which includes contractor's supervision, profit, overhead and other expenses).
 - b. In case rates are not available in the contract, rates will be calculated based on prevailing market rates of machine, material and labour plus 15% to cover contractor's supervision, profit, overhead & other expenses.

Against tender for item-rate contracts where the quoted rate is above (+)/below (-) 50% (Fifty Percent) of Company's estimated rate, such items quoted by the successful bidder shall be considered as Abnormally High Rate/Abnormally Low Rate (AHR/ALR) items. Company reserves the right to negotiate rates of all such AHR items, in addition to any other items of the tender as may be considered appropriate, before award of contract. Also, the successful bidder shall provide the analysis of rates quoted for AHR/ALR items to justify the reasonability, if requested by Company. Bidder shall confirm acceptance to the reduced item rates agreed during negotiation and payment shall be based on the agreed rates. The Contractor shall obtain prior permission from Company's Engineer in charge (Company's designated officer for job supervision during execution) before executing any quantity in excess, in case the quantities against such AHR items exceed the specified quantities provisioned in the Scheduled of Rate (SOR)/Bill of Quantity (BOQ). Payment of AHR items in excess of quantities stipulated in SOR/BOQ shall be made at the least/lowest of the following rates:

- (a) Rates as per SOR (quoted/agreed by the contractor)
- (b) Rate of the item which shall be derived as follows:

- (i) Based on rates of machine and labour as available from the contract (which includes contractor's supervision, profit, overheads and other expenses).
- (ii) In case above rates are not available in the contract, rates will be calculated based on prevailing market rates of machine, materials and labour plus 15% (max) to cover contractor's supervision, profit, overhead & other expenses."

53.0 DEFECTS LIABILITY PERIOD

The overall defect liability period for the work is 12 (Twelve) Months from the date of completion or handed over of the project whichever is later. The contractor shall be responsible for the rectification of defects in the building works for a period of twelve months from the date of taking over of the works by the Owner/ Client. Any defects discovered and brought to the notice of the contractor forthwith shall be attended to and rectified by him at his own cost and expense. In case the contractor fails to carry out these rectifications, the same may without prejudice to any other right or remedy available, be got rectified by Engineer-in- Charge and OIL INDIA LIMITED at the cost and expense of the contractor.

53.1 Performance Guarantee:

Performance guarantee shall be up to 10% of the contract value for which Contractor shall submit a Performance Security amounting to 2.5% of the contract value at the time of award of contract and remaining 7.5% shall be deducted from their running bill(s).

The retention money/security deposit shall be released to the contractor only after successful completion of Defects Liability Period .

54.0 QUALITY ASSURANCE PROGRAMME

To ensure that the services under the scope of this contract are in accordance with the specifications, the Contractor shall adopt Quality Assurance Programme to control such activities at the necessary points. The contractor shall prepare and finalise such Quality Assurance Programme within 14 days from letter of intent. Engineer-in- Charge/OIL shall also carryout quality audit and quality surveillance of systems and procedures of Contractor's quality control activities.

55.0 APPROVAL OF TEMPORARY / ENABLING WORKS

The setting and nature of all offices, labour camp, huts, access road to the work areas and all other temporary works as may be required for the proper execution of the works shall be subject to the approval of the Engineer-in-charge.

All the equipment, labour, material including cement, reinforcement and the structural steel required for the enabling/ temporary works associated with the entire Contract- shall have to be arranged by the Contractor only. Nothing extra shall be paid to the Contractor on this account and the percentage rates quoted by the Contractor for various items in the Bill of Quantities shall be deemed to include the cost of enabling works.

56.0 CONTRACT COORDINATION PROCEDURES, COORDINATION MEETINGS AND PROGRESS REPORTING

The Contractor shall have to attend all the meetings at any place in India at his own cost with OIL INDIA LIMITED during the currency of the Contract, as and when required and fully cooperate with such persons and agencies involved during these discussions. During the execution of the work, Contractor shall submit at his own cost a detailed Monthly progress report to the Engineer-in-charge by 3rd day of every month along with revised bar chart (if required). The format of monthly progress report shall be as approved by Engineer-in-Charge/OIL.

57.0 All drawings shall at all times be properly correlated before executing any work and if any discrepancy found shall be brought to the notice of the Engineer-in-Charge

58.0 The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges which he may be liable.

59.0 The rate of all items in which use of cement is involved inclusive of all charges for curing.

60.0 Contractor will be responsible for obtaining connections of water, sewerage and electricity from the concerned authority to ensure their proper commissioning so that no defects in operation of connections exist, by carrying out necessary tests etc.

61.0 Specification of works enclosed herewith separately.

62.0 Any changes in drawing/design if required, will be approved by OIL INDIA LIMITED before implementing the same.

63.0 The bidders are advised to not to quote abnormally high or low rates in individual items. If the Bid of the successful Bidder is seriously unbalanced in relation to the Engineer's estimate of the cost of work to be performed under the contract, the Employer may require the Bidder to produce detailed price analysis for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed.

64.0 If there is a discrepancy in the quoted rate in figures and in words, then the rate in words will be considered. Moreover, if there is a mistake in calculating total amount, then the corrected amount calculated by multiplying quantity with quoted rates will be considered and accordingly total gross amount will be calculated.

65.00 RECORD KEEPING:

- i) A site order book to be maintained at site and 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.
- ii) A separate register to be maintained at site by the contractor to record the works executed and a remarks column to be added in this to record the hindrance.
- (iii) Material register.
- (iv) Cement register.
- (v) Register of attendance of Technical staff deployed.

- (vi) Register to record daily progress of work.
- (vii) Wages register, Labour attendance register and all other statutory registers required as per relevant Labour Laws.
- vi) Any other documents/ register as advised by the Engineer-in-Charge.

66.0 SITE OFFICE/ LABORATORY:

The Contractor has to provide furnished Project office equipped with following minimum facilities:

- (i) One Desktop/Laptop Computer with internet connection and MS office or equivalent software. 01 No of Printer and scanner.
- (ii) Arrangement for Photography/ Videography.
- (iii) Drinking water.
- (iv) First Aid facilities.
- (v) Laboratory facility/testing equipment as mentioned the "Specification of Civil work"

If the contractor fails to provide as above as per the satisfaction of EIC/ OIL an amount equal to 0.5 % of gross bill from all running account & final bill will be recovered.

67.00 (a) LIQUIDATED DAMAGES:

The Contractor must complete the work within 52 weeks of the written order to commence work. During the currency of the job, the work progress must be commensurate with the time elapsed. In the event of any delay on the contractor's part, he/she will be liable to pay to the company liquidated damages at the rate of 1/2% (Half percent) per week of the contract price of the item(s) delayed in completion and the maximum value of the liquidated damage will be 7.5% of the contract price of the item(s) delayed provided the item(s) delayed are not critical for commissioning and final utilization of the work. If, however, the item(s) delayed in completion are critical for commissioning and final utilisation of the work then the contractor will be liable to pay liquidated damages by way of penalty at the rate of 1/2% (Half percent) per week of delay of the total contract cost subject to a maximum of 7.5% of total contract cost.

The HOD-Civil's certificate as to the criticality or otherwise of an item shall be final. The payment of liquidated damages/penalty may be reduced or waived at the sole discretion of the Company whose decision in this regard will be final. In the event of there being undue delay in execution of the Contract, the Company reserves the right to cancel the Contract and / or levy such additional damages as it deems fit based on the actual loss suffered by the company attributable to such delay. The company's decision in this regard shall be final.

(b)The Company's Engineer shall have power to:

- (i) 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.
- (ii) 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.

(iii) 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.

Technical Specification of work :

CIVIL PART:

1.00 GENERAL:

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.

2.00 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 upto a distance of 50 meters outside the periphery of the area under clearance.

3.00 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.

4.00 CEMENT CONCRETE/ REINFORCED CEMENT CONCRETE WORK:

TYPE OF CONCRETE MIX: Unless otherwise noted on drawings, all lean/plain concrete shall be of Nominal Mix type and reinforced concrete shall be of Nominal mix /Design Mix as applicable. Concrete grade M25 or higher shall be design mix type.

Design Mix Concrete: The mix shall be designed as per IS: 10262 in an approved laboratory to produce the grade of concrete having the required workability and characteristic strength. The target mean strength of concrete mix shall be equal to the characteristic strength plus 1.65 times the standard deviation. As long as the quality of materials does not change, a mix design done earlier but not prior to one year may be considered adequate for later work. However, in case the source & quality of materials changes or there is a break in the continuity of construction, the Engineer-In-Charge shall ask for a new design

mix. Irrespective of the grade of concrete required to be produced as per characteristic strength criteria, the minimum cement content and maximum water cement ratio in the design concrete shall be strictly maintained as stipulated in Table 5 of IS 456.

Consistency: The concrete shall have a consistency such that it shall be workable in the required position and when properly vibrated it flows around reinforcing steel, all embedded fixtures, etc.

Workability: "Workability of Concrete" shall be as per clause 7 of IS 456. 5.4 Durability For achieving sufficiently durable concrete, strong, dense aggregates, low water-cement ratio and adequate cement content shall always be used. Workability of concrete shall be such that concrete can be completely compacted with the means available. Leak-proof formwork shall be used so as to ensure no loss of cement-slurry during pouring and compaction. Cover to reinforcement shall be uniform. Concrete mix design shall always take into account the type of cement, minimum cement content irrespective of the type of cement and maximum water cement ratio and minimum grade of concrete conforming to environmental exposure conditions (refer Table 3 of IS 456) as given in Table 5 of IS: 456.

CONCRETE MIXING:

Mixer: Mechanical Mixers shall be maintained in satisfactory operating condition.

Concrete shall be compacted with mechanical vibrating equipment supplemented, if necessary to obtain consolidation, by hand spreading, rodding and tamping. The vibrators shall be of immersion type with operational frequency ranging between 8,000 to 12,000 vibrations per minute.

Fine Aggregate - Fine aggregate shall be hard, durable, clean and free from adherent coating and organic matter. It shall not contain harmful impurities such as pyrites, coal, lignite, mica, shale or similar laminated material, clay, alkali, soft fragments, sea shells and organic impurities in such quality as to affect the strength or durability of the concrete. Fine aggregate to be used for reinforced concrete shall not contain any material liable to attack the steel reinforcement. Fine aggregate which is chemically reactive with alkalis of cement is harmful as cracking of concrete may take place.

Coarse Aggregate - Coarse aggregate shall be obtained from natural sources such as stone, gravel, etc crushed or un-crushed or a continuation thereof from approved quarries. This shall consist of coarse material most of which is retained on 4.75mm sieve. Aggregate shall be hard, strong, dense, durable, clean and free from veins and adherent coatings. It shall be free from soft, feeble, thin, elongated or laminated pieces and shall be roughly cubical in shape. It shall be clear and free from dirt and any other deleterious matter.

Reinforcement bars - The following types of steel for reinforcement shall be used in reinforced concrete construction and these shall conform to Indian Standards or as revised from time to time mentioned against each

1) Mild steel and medium tensile steel bars and hard drawn steel wire – IS: 432.

2) HYSD bars – IS: 1786.

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

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

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

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

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

Finishing - In case of roof slabs the top surface shall be finished even and smooth with wooden trowel, before the concrete beings to set. The surface of RCC slab on which the cement concrete or mosaic floor is to be laid shall be roughened with brushes while the

concrete is green. This shall be done carefully without disturbing the concrete. Before laying the floor, the laitance shall be removed, the surface of slab hacked and a coat of cement slurry at 2.75 Kg of cement per square metre shall be applied, so as to get a good bond between RCC and concrete floor. The exposed surface which is to receive plaster or where it is to be joined with brick masonry wall, shall be properly roughened immediately after the removal of form work, taking care to remove the laitance completely without disturbing the concrete. Before the surface is plastered, it shall be cleaned and wetted so as to give good bond between concrete and plaster.

5.00 FORM WORK:

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

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

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

- a) Walls, columns and vertical face of all structural members as may be decided by the Site Engineer: 24 to 48 hours.
- b) Slabs side (props left under): 3 days
- c) Beam soffits (props. left under): 14 days
- d) Removal of props under slabs
 - i) Spanning up to 4.5 m: 14 days
 - ii) Spanning over 4.5 m: 21 days
- e) Removal of props under beams:
 - i) Spanning up to 6 m: 21 days
 - ii) Spanning above 6 m: 28 days

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

6.00 BRICKWORK:

- a) All bricks shall be of 75 class designation quality locally available.
- b) Bricks shall be of size as specified in the item of work or of nominal size
- 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.

7.00 CEMENT MORTAR:

- i) 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.
- ii) 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.
- iii) 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.
- iv) 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

8.00 PLASTER WORK

- i) 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.
- ii) Proportion: The cement plaster shall be in specified proportion of cement and sand.
- iii) 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.
- iv) 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.
- v) 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.
- vi) 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.

9.00 FILLING 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 to be carried out in layers and watering to be done.

10.00 Dismantling and demolishing:

Before any demolition work is commenced and also during the progress of the work:

- a) All roads and open areas adjacent to the work site shall either be closed or suitably protected.
- b) No electric cable or apparatus that is likely to be a source of danger or a cable or apparatus used by the operator shall remain electrically charged.

c) All practical steps shall be taken to prevent danger to persons employed from risk or fire or explosion or flooding. No floor, roof or other part of the building shall be overloaded with debris or materials as to render it unsafe.

(d) All necessary personal safety equipments as considered adequate by the Engineer-in-charge should be kept available for the use of persons employed on the site and maintained in a condition suitable for immediate use, and the contractor should take adequate step to ensure proper use of equipment by those concerned

11.00 Scaffolding:

1.0 Suitable scaffolds should be provided for workmen for all works that cannot safely be done from the ground, or from solid construction except such short period work as can be done safely from ladders. When a ladder is used an extra mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying materials as well, suitable footholds and handholds shall be provided on the ladder and the ladder shall be given an inclination not steeper than 1/4 to 1 (1/4 horizontal and 1vertical).

2.0 Scaffolding or staging more than 3.6m (12 feet) above the ground or floor, swung or suspended from an overhead support or erected with stationery support shall have a guard rail properly attached or bolted, braced and otherwise secured at least 90 cm. (3 feet) high above the floor or platform of such scaffolding or staging and extending along the entire length of the outside and ends thereof with only such opening as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.

3.0 Working platforms, gangways, and stairways should be so constructed that they should not run equally, and if the height of the platform or the gang way or the stairway is more than 3.6m (12 feet) above ground level or floor level, they should be closely boarded, should have adequate width & should be suitable fastened as described in (2.0) above.

4.0 Every opening in the floor of a building or in a working platform shall be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be 90 cm (3feet).

5.0 Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9m. (30 feet) in length while the width between side rails in rung ladder shall in no case be less than 29 cm. for ladder up to and including 3m (10 feet) in length. For longer ladders this width should be increased at least 1/4" for each additional 30 cm (1 ft.) of length. Uniform step spacing shall not exceed 30 cm (12"). Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the sites of the work shall be so stacked or placed as to cause danger or inconvenience to any person or the public. The contractor shall provide all necessary fencing and lights to protect the public from accident, and shall be bound to bear the expenses of defence of every suit, action or other proceeding at law that may be brought by an person for injury sustained owing to neglect of the above precautions and to pay any damages and cost which may be awarded in any such suit, action or proceedings to any such person or which may, with the consent of the Contractor, be paid to compensate any claim by any such person.

12.00 TESTING OF CONSTRUCTION MATERIAL:

Test report for construction material to be submitted as per direction of Engineer-In-Charge and no separate payment shall be made for the same unless otherwise specified in the schedule of rates.

Following Tests to be carried out by Contractor at his own cost and submit to the Office of the Engineer-in-Charge:

Sl. No	Material sample.	Tests to be carried out.	Test frequency	Test Lab/ report
1	Water	As per IS 456	Water from each source shall be tested before the commencement of work.	To carried out at Govt accredited lab
2	Fine aggregate	As per IS 383 Gradation & Zone determination, Estimation of deleterious material, Silt content.	100 cum or part thereof.	To carried out at Govt accredited lab
3	Coarse aggregate- 20mm nominal size (graded).	As per IS 383 Gradation, Estimation of deleterious material, Aggregate crushing Strength/Abrasion value, Aggregate impact value.	For every 200 cum or part thereof	To carried out at Govt accredited lab
4	Brick	As per IS 1077 Dimension, Compressive strength, Water absorption, Efflorescence.	Per 15000 bricks	To carried out at Govt accredited lab
6	RCC work	As per IS 456 Cube test/Compressive strength test NDT: Rebound hammer test, Ultrasonic Pulse velocity test, Core test.	For every 30 cum or part thereof. However, following minimum sampling/tests to be carried out for each building:	Tabulated below the Minimum Tests to be carried out at Govt Accredited lab. Remaining test may be carried out at Field testing laboratory set up by the contractor:

Contractor

Company

			Component	No of sample/ test	Component	No Of Test
			At Foundation level	05	At Foundation level	02
			At Tie beam level	03	At Tie beam level	01
			At GF column level	06	At GF column level	02
			At FF Slab level	03	At FF Slab level	01
			At FF Column level	06	At FF Column level	02
			At SF slab level	03	At SF slab level	01
			At SF column level.	06	At SF column level.	02
			At Roof slab level	03	At Roof slab level	01
			At Staircase in each flight.	01		
			Non Destructive Test(NDT) to be carried out through expert agency when cube test fails as decided by Engineer-in-charge.			
7	Reinforcement	As per IS 1786 & IS 432 Physical and Mechanical properties.	Manufacturer test report to be submitted for each lot supplied.		Minimum 02 test for physical and mechanical properties to be carried out at Govt. accredited lab.	

13.0 Laboratory/ Testing facility at Site:

Following Laboratory/ Testing facility shall be provided at site. Non-adherence to the same, deduction from running/ final bill shall be made as specified in the relevant clauses of the Contract.

- (i) Cube mould : 24 Nos
- (ii) Slump Cone with Tamping rod: 02 Nos
- (iii) Level instrument and accessories: 01 Set
- (iv) Compressive cube strength testing machine.

14.00 HSE POINTS :

The Contractor shall adhere to following points (as applicable for installations under the Factories Act) while performing the works under this contract:

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 fulfil 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 engaged for any electrical installation, maintenance, repairs etc., should possess a valid electrical Contractor license issued by the State Electricity Licensing Board and engage adequate number of competent electrical personnel. All the Competent persons shall have appropriate Work Permit/ Supervisory License issued by State Electricity Licensing Board. It shall be included in Terms and Conditions of contract agreement/NIT (Notice Inviting Tender) and shall be ensured by the OIL Engineer in charge.
3. The Contractor shall ensure complete safety of the personnel engaged by him, and of all the equipment, they will handle and must take full responsibility for their safety.
4. Contractor's arrangements for health and safety management shall be consistent with those for the company (OIL).
5. A Contractor employee 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 omissions at work.
6. The Contractor should frame a mutually agreed bridging document between OIL & the Contractor for all issues not envisaged under the terms and conditions of the contract with the roles and responsibilities clearly defined.
7. Statutory forms to be maintained in respect to Factories Act, 1948, Mines Act, 1952, Mines Rules 1955, Oil Mines Regulations 2017, the Environment (Protection) Act-1986 and other applicable laws.
8. The Contractor, wherever applicable, shall obtain necessary hazardous waste authorization from the Stat Pollution Control Board for storage, handling and disposal of hazardous waste.
9. As per DGMS circular & Gazette Notification for maintenance of register as required by the Factories Act, 1948, Mines Act 1952 and Mines Rules, 1955, the forms A, B, D and E have been updated and modified. The above-mentioned forms need to be maintained as per the new format.
10. The Contractor shall submit to DGMS returns indicating — Name of his firm, Registration number, Name and address of person heading the firm, Nature of work, type of deployment work persons, Number of work persons deployed, how many work hold VT Certificate, how many work persons undergone IME and type of medical coverage given to the work persons.
11. The return shall be submitted quarterly (by 10th of April, July, October & January) for contracts of more than one year. However, for contracts of less than one year, returns shall be submitted monthly.
12. 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 men every day for the work, punctually.

13. The health check-up of Contractor's personnel is to be done by the Contractor in OIL empaneled Hospital and the reports and statutory forms as applicable to be vetted from the OIL authorized Medical Officer. The frequency of periodic medical examinations should be every five years for the employees up to 45 years of age and every three years for employees of 45 years of age and above. Initial Medical Examination should be in line with the standard followed by OIL.

14. All persons deployed by the Contractor for working in a mine must undergo Mines Vocational Training, initial medical examination and Periodic Medical Examination (if required). They should be issued cards stating the name of the Contractor and the work and its validity period, indicating status of MVT, IME & PME.

15. 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 and company's PPE schedule. Safety appliances like protective footwear, Safety Helmet and Full Body harness, Fall Prevention Devices (FPD) shall conform to relevant IS codes. Necessary supportive document shall have to be available at site as proof. 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 in the mines use the proper PPE while at work. Contractor employees should be trained in the 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.

16. Soft copy of the 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. Printout of copy (spiral binding) of the SOP mentioned above is to be kept with all working teams at all times. The SOP clearly stating the risk arising to men, machineries & material from the mining operation / other 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).

17. Contractor has to ensure that all work is carried out in accordance with the Statute and the 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. For the work which is not covered under SOP, the Contractor shall develop it and submit to the representatives of OIL.

18. In case of deviation of SOP or non-availability of SOP, Job Safety Analysis (JSA) shall be carried out before commencement of the work.

19. Necessary cold and hot work permits including excavation clearance and permission for working at height, Confined Space Entry as applicable are to be obtained by the competent person of the Contractor from the site representative of OIL before start of the job(s). Work Permit System should be inline as per guidelines issued by HSE Department.

20. Necessary facilities for monitoring the levels of parameters in respect of Methane, Oxygen, Hydrogen Sulphide and Carbon Monoxide should be provided at mines. Portable multi-gas detector (LEL/O₂/CO/H₂S) and FLP torch light to be made available at site.

21. The Contractor's personnel should be aware about the existing as well as probable hazards and ensured their training to tackle such untoward events by the Contractor. 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.

22. The Contractor personnel shall arrange daily meeting and monthly pit level meeting

headed by the OIL Engineer and maintain records accordingly. Safety Briefing, Evacuation plan in case of emergency and how to inform (in case of emergency) to be discussed during the Tool Box meeting.

23. After receipt of the work order the Contractor shall have to submit authorized list of Contract Personnel, who will be engaged for the jobs including name of the Contractor's competent persons and every contact details. No person shall be engaged in any job in a mine unless his competency has been assessed and approved by the OIL Engineer In Charge.

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

25. OIL will communicate all information to the Contractor or his authorized representative only.

26. The Contractor shall have to report all incidents including near miss to the representative of OIL who shall be supervising the Contractor's work.

27. 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.

28. 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. The Contractor's personnel should be aware about the existing as well as probable hazards and ensured their training to tackle such untoward events by the Contractor.

29. Contractor shall keep a reasonable degree of order by disposing of accumulated rubbish and excess material. Disposal of solid wastes generated by the Contractor shall be in accordance with the company's Procedure for Solid Waste Management. The Contractor Personnel have to take every possible care to keep the environment clean and free from pollution.

30. The Contractor have to ensure the quality and reliability of all the tools, equipment and instruments they use. The supporting documents relevant to prove the above should be submitted. Defective tools shall be immediately removed.

31. The Contractor should prevent the frequent change of his deployed employees as far as practicable. The Contractor shall not employ or terminate his worker without the knowledge of the OIL engineer in charge. However, if OIL Engineer In Charge found any person not appropriate to with respect to job, the Contractor has to remove the person and replace a suitable person within the timeline as per the terms of the Contract.

32. Contractor's Supervisor/ Contractor's personnel needs to be aware about the site specific emergency response plan (which includes display of emergency contact nos., establish telephone communication, layout of working area, use of fire extinguisher, emergency exit, assembly point).

33. All Lifting equipment of the Contractor like Crane etc. shall have to be duly calibrated. Calibration Certificate of this equipment shall have to be submitted to the representatives of OIL and a copy of the same to be made available at site.

34. Necessary sign-board / warning signals like caution, "hot work" in progress, emergency telephone numbers, no entry without permission etc. should be used while working on tanks. 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.

35. Barricading of area to be done with reflecting tapes as applicable during work.

36. The First-Aid box should be provided by the Contractor and the same has to be kept ready to use at the site throughout the working hours.

37. The availability of First-Aid Fire Fighting equipment should be ensured by the Contractor at all working hours.

38. 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.

39. 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.

40. The Contractor personnel should understand the implication of the known hazards related to the work undertaken by them and the necessity of having an emergency plan approved by OIL to counter them, if anything goes wrong.

41. 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, the Contractor will be penalized as per the terms of the Contract.

42. 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.

43. Any requirement arise by the Statutory Authorities during the period of contract shall be applicable and binding for the Contractor.

NOTE: All Contractors' personnel must undergo safety orientation programme conducted by Oil India Ltd before commencement of the job. For any clarification with regard to the above, the contractor may contact HOD-CIVIL ENGINEERING PIPELINE SERVICES.

15.00 The Contractor shall obtain prior approval from Engineer In-charge before placing order for any specific material or engaging any of specialized agencies the contractor shall make a detail submittal with catalogues and highlighted proposed specifications as well as full details of the works executed by specialized agency as specified.

Wherever applicable the Engineer In-charge may approve any material equivalent to specified in tender subject to proof being offered by contractor for equivalence to his satisfaction.

ELECTRICAL PART:

The SCC for the Electrical Part of the Tender comprises two basic parts as follows:

- A. GENERAL
- B. TECHNICAL

A. GENERAL

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

1.2 Notwithstanding the sub-division of the documents into these separate sections and volumes, every part of each shall be deemed to be supplementary of every other part and shall be read with and into the contract so far as it may be practicable to do so.

1.3 Where any portion of the General Conditions of contract is repugnant to or at variance with any provisions of the Special conditions of Contract, then unless different intention appears, the provisions of the Special Conditions of Contract shall be deemed to override the provision(s) of General Conditions of Contract only to the extent that such repugnance or variance cannot be reconciled with the tender conditions of contract and shall be to the extent of such repugnance of variations, prevail; it being understood that the provisions of General Conditions of Contract shall otherwise prevail.

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

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

1.6 The items given under Bill of Quantity shall be read in conjunction with scope of work, scope of supply (by Contractor) and job specifications and in case of any irreconcilable conflict between them the provision in the item under "Bill of Quantity" will override the corresponding provision only if the scope of work, scope of supply and job specifications, which cannot be reconciled in such cases the decision of Company shall be final and binding on the contractor.

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

(i) Letter of intent / Detailed Letter of intent along with statement of Agreed Variations and its enclosures.

(ii) Bill of Quantity.

(iii) Special Conditions of Contract.

(iv) Job specifications

(v) Drawings

(vi) General Condition of contract

(vii) Indian Standard/Technical/Material Specifications.

2.0 LOCATION OF SITE AND SITE PARTICULARS

2.1. Pump Station#3, Jorhat

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

3.0 STATUTORY REQUIREMENT FOR WORK

3.1 The contractor should have valid Electrical Contractor License issued or recognized/endorsed by State Licensing Board, Govt. of Assam. In case license expires during contract period the same shall be renewed by the contractor. The contract may be terminated if the license is not renewed.

3.2 In case the contractor/firm does not possess Electrical Contractor License, he/the firm may form a consortium with another person/firm who/which possesses valid Electrical Contractor License issued or recognized/endorsed by State Licensing Board, Govt. of Assam.

3.3 Contractor shall employ wiremen with valid wireman permit (covering relevant portions), issued/recognised by State Licensing Board, Govt. of Assam to carry out all electrical jobs and shall deploy one supervisor holding valid Electrical supervisor's competency certificate (covering relevant portions), issued/recognized/endorsed by State Licensing Board, Govt. of Assam for supervision of electrical jobs.

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

4.0 POWER

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

5.0 SCOPE OF SUPPLY

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

6.0 SCOPE OF WORK

Brief details of work to be carried out by the contractor are as described below. This will include supply, storage, laying, installation, jointing and testing, obtaining approvals, testing and commissioning and completion of different works. The contractor shall finally give a certificate of electrical work executed by him stating the job done as per the requirement of Central Electricity Authority Regulations, 2023. The work shall be carried out as described in Schedule of Quantities (SOQ), specifications, and drawings, BIS/NEC guidelines and as per the instructions by Engineer-in-charge (electrical), of the Company. The scope of work shall cover electrification works of any office building/Industrial house/residential area or as specified by concerned Engineer in charge.

The broad items/activities covered under “electrical works” shall include the supply, installation, testing and commissioning of any or all of the following

- i) Point wiring of light points, call bell points, Ceiling fan points, and exhaust fan points.
- ii) Plug points, general power points, metal clad plug & socket outlet points etc. including light and power accessories etc., complete in all respects.
- iii) All surface/concealed wiring through BIS marked medium/heavy duty PVC Casing capping/conduit, on or through wall, roof, floor beams, false ceiling, floors etc.
- iv) Cables from Main Distribution Board (VTPN DB) to Sub Distribution Board (TPN DB), sub main wiring from main/sub distribution boards to various final distribution boards/switch boards.
- v) Feeder Pillar Panel, Main TPN MCBDB, Sub Distribution Boards (SPN DB), as required.
- vi) Light fixtures, and ceiling, wall & exhaust fans.
- vii) Earthing of all Main Feeder Pillar, TPN DBs and SPN DBs etc. complete in all respects.

7.0 SCHEDULE OF QUANTITIES/RATE

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

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

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

7.4 The words “Bill of Quantity”, “BOQ”, “Schedule of Quantity” and “SOQ”, appearing in this document, carry the same meaning.

8.0 PRICE VARIATION

OIL requires "FIRM PRICES" as indicated in General Conditions or Contract during Contract period and no material or labour escalation shall be admissible on any account whatsoever.

9.0 MEASUREMENTS, BILLING & PAYMENT

9.1 All works shall be measured in metric system based on actual work done as per the terms and conditions of the Tender documents.

9.2 The final bill shall be submitted by the Contractor within three months of physical completion of the work or within one month of the date of the final certificate of completion furnished by the contractor (approved by OIL) whichever is earlier. No further claims shall be made by the Contractor after submission of the final bill and these shall be deemed to have been waived and extinguished.

9.3 Final bill based on Schedule of Quantity shall be prepared and submitted based on joint measurements (OIL and contractor). Contractor shall ensure that bills are submitted promptly and timely.

9.4 Contractor must ensure that payments have been made to his personnel (engaged under this contract) in time for smooth functioning of the Contract which shall not be less than the minimum wages.

It is to be noted that the minimum wage rates published by the RLC office are revised twice a year, in April and October. While submitting offers, the contractor is construed to have considered the possible escalation in wage rates mentioned above.

10.0 DEDUCTIONS FOR INCORRECT WORK:

If the Engineer-in-charge(Electrical) deems it expedient to correct work damaged or not done in accordance with the contract, an equitable deduction from the contract price shall be made thereof and the decision of the engineer shall be final.

11.0 CONTRACT DRAWINGS

Contractor has to prepare all working drawings mentioned below and obtain approval from the engineer in charge (Electrical) before starting of the civil work.

- a) Layout diagram of complete wiring showing route for wiring from Main supply in sub-station to feeder Pillar Panel, Feeder Pillar Panel to TPNDB, TPN DB to SPN DB, SPN DB to Switch Board, Light and ceiling positions etc.
- b) Schematic diagram for complete electrical work.
- c) The contractor shall keep at least one copy each of drawings, conditions of contract, specifications, instructions and schedule of quantities at the site of works available for reference by any authorized representative Engineer-in-charge(Electrical), at all times during the progress of the works.

12.0 COMPLETION DOCUMENTS

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

- a) Layout of all equipment, switch boards, DB's etc.
- b) Single line diagram of Electrical System
- c) Location of DB's, Sub-mains, junction boxes & earthing
- d) Schematic diagram for overall electrical distribution
- e) Layout of lighting & power wiring
- f) Cable schedule
- g) Operation & Maintenance Manuals for equipment if any
- h) Manufacturers test report & data sheets for equipment if any

i) Electrical test certificate for the electrical work done as per CEA, 2023

B. TECHNICAL

1.0 SCOPE

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

2.0 TERMINOLOGY

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

2.1 POINT WIRING

2.1.1 Point wiring:

A point wiring (other than socket outlet point wiring)

- Shall extend from the controlling switch/MCB/controller to the corresponding point/device (lamps/luminaire/fan/exhaust fan/call bell etc.). Point/device refers to either single devices (like lamps, fans, etc.) or multiple devices controlled from one single switch/MCB/controller (like chandeliers, group of decorative lamps, etc.). Point wiring does not include switch which is covered under a separate item (supply and fixing of modular switch).
- Includes supply & fixing of all items as specified in SOQ, like device holders, wires, conduit/casing-capping, accessories like screws, rawl plug, outlet boxes, junction boxes, pull-through boxes etc., including metal/PVC boxes if any, provided with switch boards for loose wires/conduit terminations, bushed conduit or porcelain tubing where wiring cables pass through wall etc.
- Shall be measured in terms of number of “points” only. There shall be no linear measurement for point wiring, or for the number and size of wires used.
- Details of wire size, material, conduit/casing capping, colour of insulation as in SoQ.

2.1.2 Light plug point (socket outlet point) wiring:

A Socket (“plug point”) outlet point wiring

- Shall extend from the switchboard to the corresponding wall socket outlet. Sockets may include a single socket or multiple sockets (of same rating) in one module.
- Shall be reckoned as total length of wiring and shall be measured on linear basis along the run of wiring.
- Details of wire size, material, conduit/casing capping, colour of insulation as in SoQ.

2.2 CIRCUIT WIRING:

Circuit wiring

- Shall extend from the distribution board up to the switch board/box.
- Include all wiring accessories
- Shall be reckoned as total length of wiring and measured on linear basis along the run of wiring
- Details of wire size, material, conduit/casing capping, colour of insulation as in SoQ.

2.3 POWER PLUG POINT WIRING:

Power plug point wiring

- Shall extend from distribution board to combined 5/6 A & 15/16 A 6 pin socket outlet and 20A MCB Switch/ socket.
- Include all wiring accessories

- Shall be reckoned as total length of wiring and measured on linear basis along the run of wiring
- Details of wire size, material, conduit/casing capping, colour of insulation as in SoQ.

2.3 SUB-MAIN WIRING

Sub-main wiring

- Shall extend from one main/distribution switchboard to another.
- Shall be reckoned as total length of wiring and measured on linear basis along the run of wiring.
- Includes all wiring accessories
- Details of wire size, material, conduit/casing capping, colour of insulation as in SoQ.

3.0 OTHER WIRING WORKS:

As per the details given in the SoQ.

4.0 SYSTEM OF DISTRIBUTION AND WIRING:

4.1 Control at the point of entry of supply:

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

4.2 Distribution:

The wiring shall be done on a distribution system through main and/or branch (sub-main) distribution boards. The system design as well as the locations of boards shall be as indicated in BOQ/drawings or as specified by the OIL Engineer-in-charge. Main Panel i. e. Feeder Pillar Panel shall be controlled by a MCCB. Each outgoing circuit shall also be controlled by a circuit breaker. The branch distribution board shall be controlled by a circuit breaker. Each outgoing circuit shall be provided with a miniature circuit breaker (MCB) of specified rating on the phase or live conductor. The loads of the circuits shall be divided, as far as possible, evenly between the numbers of ways of the distribution boards, leaving at least one spare circuit for future extension.

The neutral conductors (incoming and outgoing) shall be connected to a common link (multilayer connector) in the distribution board and be capable of being disconnected individually for testing purposes.

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

4.3 Balancing of Circuits:

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

4.4 Wiring System:

- Wiring shall be measured only as per "point wiring" or "linear basis", as explained above.
- Lights, fans and call bells shall be wired in the 'lighting' circuits.
- 6/16A combined socket outlets and other power outlets shall be wired in the 'Power' circuits.
- 5A/6A Socket outlet shall be wired in the light plug point circuit.
- The wiring throughout the system shall be such that there is no break in the neutral wire except in the form of linked MCCB's, MCB's, RCBO's etc.

4.5 Run of Wiring:

The wiring shall be in surface casing-capping and/or conduit. Due consideration shall be given for neatness, good appearance and safety.

5.0 JOINTS IN WIRING:

No bare conductor in phase and / or neutral or twisted joints in phase, neutral, and / or protective conductors in wiring shall be permitted. There shall be no joints in the through-

runs of wires. There shall be no looping of earth wires and neutral wires between points. All light points, plug points etc. shall have their individual neutral and earth wires laying up to the switchboard or distribution board as the case may be.

6.0 RATINGS OF OUTLETS:

MCBs / switches / controllers for devices like light fittings, ceiling fans, exhaust fan etc. shall be rated according to the corresponding device capacity.

RCCBs for household circuits and similar installations should be rated for 30mA tripping current.

Socket Outlets shall be rated according to their intended use only.

7.0 CAPACITY OF CIRCUITS:

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

8.0 CONFORMITY TO CEA REGULATIONS, 2023 AND STANDARDS:

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

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

9.0 TESTING OF WIRING / INSTALLATION:

Wherever required by OIL's engineer-in-charge, capping shall not be fixed on the casing till the work has been inspected with the wires in position and approved. Inspection will be done in stages, as work progresses.

On completion of an electrical installation (or extension thereof) OIL's engineer-in-charge may require a test certificate for the installation/wiring job before energising the circuits. In such instances, contractor shall issue a test certificate, countersigned by certified supervisor under whose supervision the job was carried out.

The following tests should be carried out:

- i) Insulation resistance test
- ii) Earth continuity test
- iii) Earth electrode resistance test

All necessary test instruments shall be arranged by the contractor.

10.0 GENERAL REQUIREMENTS OF COMPONENTS:

10.1 Quality of materials:

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

10.2 Ratings of components:

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

10.3 Conformity to Standards:

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

10.4 General Notes:

- a) Items shall be procured from the manufacturer or their authorized dealers only.
- b) All the items shall be brand new and shall bear BIS monogram, wherever specified.
- c) Item shall be guaranteed for a period of one year from the date of installation of materials against any manufacturing defect or workmanship.

11.0 WIRES AND CABLES:

11.1 Wiring:

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

- 'Lighting': 1.5 sq. mm,
- 'Light Plug Point': 1.5 sq. mm,
- 'Circuit Wiring': 2.5 sq. mm,
- 'Power': 4 sq. mm,
- Sub-Main: 10 sq. mm,
- Main: 10 or 16 sq. mm, depending on the installed load.

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

11.2 Cables:

Cables shall be armoured, PVC insulated and PVC sheathed power cables of 1100 V grade. They shall be fitted on wall surface/ Tray/False ceiling/False floor as required, clamping shall be with 1 mm thick saddle, wherever required.

12.0 PVC CASING AND CAPPING

12.1 PVC casing and capping shall be BIS marked.

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

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

12.3 Providing earth continuity wires:

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

13.0 PVC CONDUITS & GI BOX:

13.1 All rigid conduit pipes shall be of medium duty PVC conduit of good quality and be BIS marked. GI Boxes as required should be proper size and BIS marked and of reputed brand.

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

13.3 Bunching of cables:

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

14.0 WIRING ACCESSORIES:

14.1 Control switches for points:

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

14.2 Socket outlets:

6/16 pin Socket outlets shall be of shutter type modular complete with plate. These shall be rated either for 6A, or 6/16A combined. Combined 6 pin (6A/16A) socket outlet shall be provided in 'power' circuits wherever specified. 6A Socket outlets shall only be of 5 pin

type; the earth pin shall be connected to earth through protective (loop earthing) conductor. The control switches for 6A and 16A socket outlets shall be kept along with the socket outlets. Generally socket outlet shall be installed at a height of above 130 cm from the floor level.

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

14.3 Switch box covers:

These shall be modular type of suitable size.

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

15.0 FITTINGS:

Indoor type fittings specification:

All light fittings other than area lighting should be of indoor type, ready to install, warranted for at least one year from the date of installation and should be of reputed brand. For area lighting, outdoor luminaire with IP66 rating to be used. They should possess the same criterion for installation, warranty and brand as mentioned above.

16.0 PRE-WIRED MCB DISTRIBUTION BOARDS:

Pre wired MCB DB's shall be provided where specified.

The complete board shall be factory fabricated and shall be duly pre-wired, ready for installation at site.

The board shall be of wall mounted, cubicle type construction, fabricated out of 1.6mm thick sheet steel, with stove enamelled paint finish. The board shall be provided with a hinged cover of 1.6mm thick sheet steel on the front. Only the knob/dolly of the MCB's shall protrude out of the front covers through openings neatly machine made for the purpose. Knock out holes at the bottom, and detachable plate with knock out holes at the top of the board shall be provided.

TPN DB shall also be provided with two nos. loose wire box and SPN DB shall be provided with one no. loose wire box as a compartment for the complete width and depth of the board, and of minimum height of 125mm in case of TPN DB's, and 100 mm in case of SPN DB's.

Each distribution board shall be provided with a circuit list giving details of each circuit which it controls and the current rating of the circuit, and the size of the MCB. The board shall be complete with the following accessories:

- a) 100 A copper bus bar(s) for MCB DBs
- b) Neutral link
- c) Common earth bar
- d) DIN bar for mounting MCB's
- e) Screw type terminal connectors suitable for incoming and outgoing cables.
- f) Earthing stud(s)

The board shall be fully prewired with single core PVC insulated copper conductors/insulated solid copper links, and terminated on to extended type terminal connectors, suitable for connections to the sizes of the respective conductors. All incoming and outgoing wiring to the pre wired MCB DB's shall be terminated only in extended terminal connectors to be provided within the DB. The terminal connectors shall therefore be so provided as to facilitate easy cable connections and subsequent maintenance. Connectors (Terminal blocks) are to be provided. A common copper earth bar shall be provided within the loose wire box. The common neutral bar as well as the terminal connectors shall, however, be provided within the main compartment just below the loose wire box.

17.0 MINIATURE CIRCUIT BREAKERS (MCB's):

'C' series MCB's shall be invariably used for all loads. Ratings (A), number of poles, type as MCB or isolator, etc. shall be as specified in the SOQ. The MCB's shall be of minimum 10KA rupturing capacity.

18.0 SWITCH BOARD LOCATIONS:

Switch boards shall be located as indicated on the drawings or as instructed by OIL's engineer. Switchboards should not be installed in places likely to be exposed to the weather. However exact location will be as per suitable available spaces.

Unless otherwise specified, a switch board shall be installed so that its bottom is 1.30 m from the floor level. Switchboards shall be well clear of door openings and with an open (unimpeded) space in front of the switchboard for easy access.

Where it is required to terminate a number of casing capping or conduits on a board, it may be convenient to provide a suitable PVC adapter box for the purpose. Such boxes shall be provided with the prior approval of the Engineer-in-charge (Electrical) and this will not be paid for separately. No apparatus shall project beyond any edge of the panel.

19.0 FANS, REGULATORS AND CLAMPS:

Fan Regulators:

Electronic modular type 100W fan regulator shall be of approved makes. The fans, regulators etc., are to be procured from authorized dealer to ensure genuineness of the material.

20.0 EARTHING:

Whenever earth electrode is to be supplied and installed, only readymade, maintenance free, CPRI approved earthing electrodes with the proper dimensions (as per BOQ) shall be used. This shall be complete with excavation of earth pit and construction of brick earth chamber to proper specifications as in BOQ.

GI Earth strip shall be supplied with the earth electrode for connecting the earth electrode to the equipment. Earth strap shall be terminated in the electrode/equipment with proper size of zinc coated nuts and bolts.

21.0 FEEDER PILLAR PANEL:

Main feeder pillar panel should be as per specification of SOQ. This panel shall be of outdoor type and shall be completed in all aspect. Installation and commissioning work to be carried out as per SoQ.

22.0 WORKMANSHIP:

Good workmanship is an essential requirement to be complied with. The entire work of manufacture/fabrication, assembly and installation shall conform to sound Engineering practice. The work shall be carried out under the direct supervision of a person holding a valid supervisor's certificate of competency issued by the State Govt. for the type of work involved, employed by the contractor, who shall rectify then and there the defects pointed out by the Engineer-in-charge (Electrical) during the progress of work.

23.0 COMMISSIONING ON COMPLETION:

After the entire wiring is completed, a joint inspection shall be carried out. The contractor shall rectify the defects pointed out by OIL during inspection. The works shall be tested by the contractor and contractor shall submit the test certificates duly signed by the competent persons. The system shall be energised only after OIL approves the work done and submission of test certificate.

OIL INDIA LIMITED

ANNEXURE - I

MATERIALS STATEMENT

Job Title _____ Est. No. _____ Cost Center _____

Sheet No. _____

Item No	Description	Unit	Quantity	Unit Cost	Total Cost	Remarks	Origin	DETAILS OF RESERVATIONS								
								Dt.	Qty.	Sig.	Dt.	Qty.	Sig.	Dt.	Qty.	Sig.

WORK ORDER NO.

Contractor

Company

JOB COMPLETION CERTIFICATE Annex-II

Ref. No:

Dated:

GM ,CIVIL (PL)

Oil India Limited, PHQ Noonmati

Ref. Notification No:

Date:

Ref. Purchase Requisition no:

Date:

Ref. Purchase Order No:

Date:

Job operation period –

to

Job description:

I, _____ V/Code:_____ *have* completed the contents of works mentioned in above notification/requisition.

Signature of the contractor

This is to certify that the job has been satisfactorily completed by the contractor as per the above notification at PHQ, Noonmati .

Remark (if any) from the requestor: _____

Signature of Supvr./Site J.E.

Name:

Designation:

Salary code:

Signature of the user/occupant

Name:

Designation

Salary code:

Signature of Engg-In-charge (Civil)

Name: _____

Designation: _____

Salary code: _____

Signature of requestor:

Name:

Designation:

Salary code:

Dated : _____

Office Seal.

Contractor

Company

PAYMENT TERMS

AS PER CLAUSE NO. 27 OF SCC

FOLLOWING FILES ARE ATTACHED WITH THIS TENDER:

(A) TENDER DRAWING/ SKETCH.

Work to be executed as per direction of the Engineer in Charge.

WORKS CONTRACT

SCHEDULE OF COMPANY'S PLANTS, MATERIALS AND EQUIPMENT

OIL INDIA LIMITED
(A Government of India Enterprise)
CONTRACTS SECTION, PHQ
P.O. UdayanVihar – 781171, Guwahati, ASSAM

SCHEDULE OF COMPANY'S PLANTS, MATERIALS & 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 EQUIPMENTS for use in the execution of work

Materials:

(i) Cement will be supplied by company free of cost. Total number of cement bags required for the job to the maximum of theoretical consumption as per the specification of CPWD and shall be supplied by company free of cost. Additional and damaged cement requirement in excess of above shall be issued to the vendor on chargeable basis at a rate double the cost of company costing price. In case the consumption of cement is less than that the quantity issued to the contractor then the contractor shall arrange to return the excess quantity in good usable condition to the company at its stores.

(ii) All empty cement bags must be returned to Company's Godown failing which Rs 8/- (Rupees Eight only) per bag for empty cement bags will be recovered from the Contractor's bill.

Plants and Equipment: - Nil

NOTE:-

1. The Contractor is to arrange transport of the above materials to site of work.
2. If the materials listed above are not available suitable substitute will be provided by the Company and Contractor shall incorporate the same in the works without extra cost.
3. Containers if issued to the contractor must be returned to Company in good condition.
4. Plants and equipment if issued to Contractor must be under proper watch so that no part is pilfered. These must be handled only by Company's operators. Contractor shall be responsible for any loss or damage to these plants and equipment while these are under his/their custody.
5. Materials issued to Contractor must be under proper watch & ward so that no part is pilfered. If any perforation takes place the matter will be referred to appropriate Govt. authorities for legal action as well as realization of the materials issued.
6. 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.

7. 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 without any reference to him.

**To,
GM-CONTRACTS (HOD)
OIL INDIA LIMITED
GUWAHATI-781171**

SUB: SAFETY MEASURES

DESCRIPTION OF WORK/SERVICE CONSTRUCTION OF TWO NOS. OF EMPLOYEE RESIDENTIAL BUILDINGS AT PS-3, JORHAT, ASSAM INCLUDING ELECTRIFICATION WORKS AND SUPPLY OF ALL MATERIALS EXCEPT 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 TWO NOS. OF EMPLOYEE RESIDENTIAL BUILDINGS AT PS-3, JORHAT, ASSAM INCLUDING ELECTRIFICATION WORKS AND SUPPLY OF ALL MATERIALS EXCEPT 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 intentions.

For the Principal

For the Bidder/Contractor

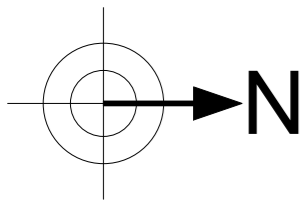
Place: Duliajan.

Witness 1:

Date:

Witness 2:

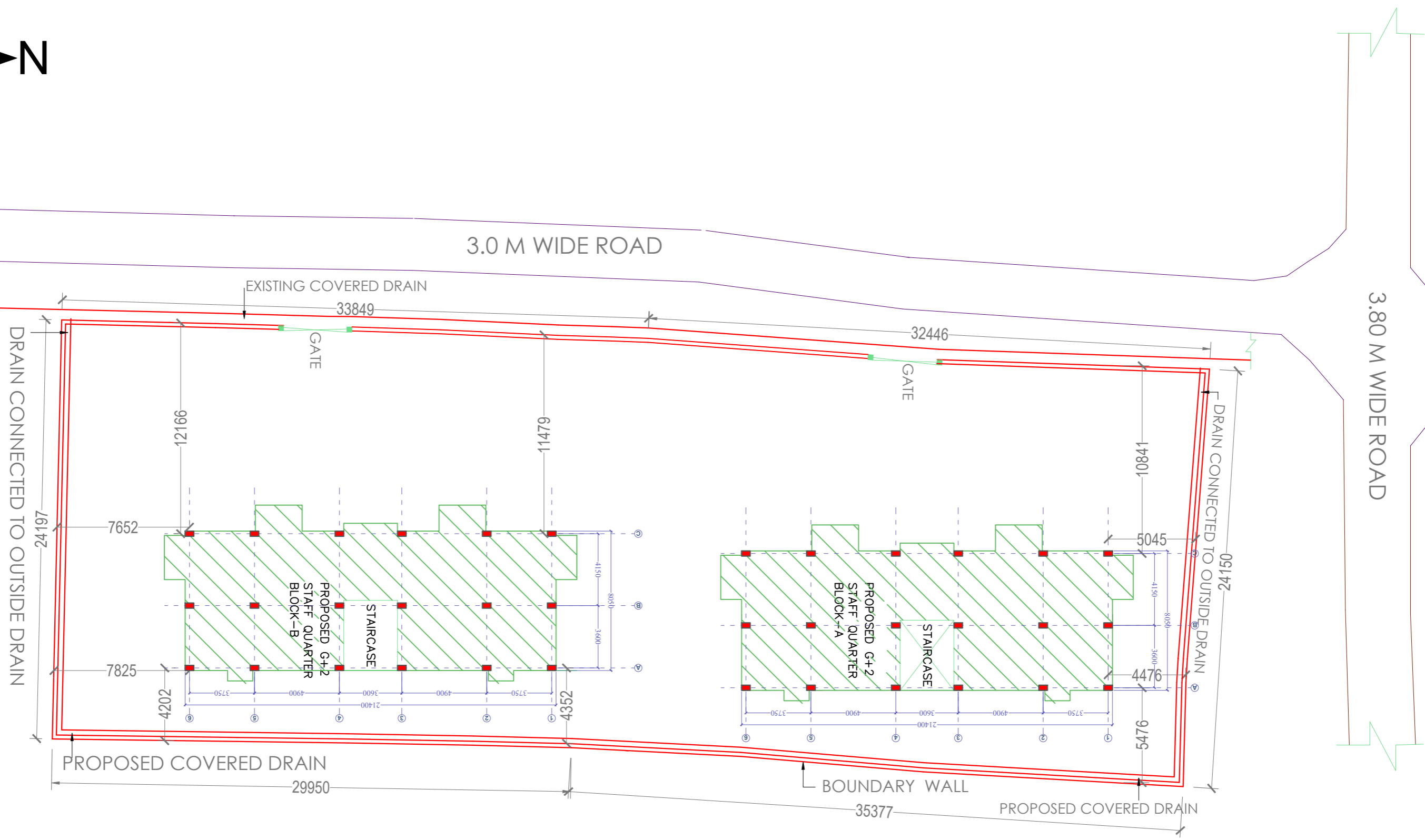
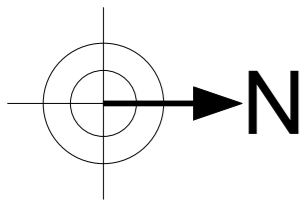
ARCHITECTURAL DRAWINGS
OF
CONSTRUCTION OF TWO NOS. OF
EMPLOYEE RESIDENTIAL BUILDINGS
AT PS-3, JORHAT, ASSAM



NOTE:

1. DRAWINGS TO BE READ ONLY, NOT TO BE MEASURED.
2. ANY ANOMALIES FOUND IN THE DRAWING TO BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE EXECUTION OF THE WORK.

PROJECT NAME: CONSTRUCTION OF TWO NOS. OF EMPLOYEE RESIDENTIAL BUILDINGS AT PS-3, JORHAT, ASSAM	CLIENT: OIL INDIA LIMITED	SHEET NO: AR-1	SIGN:	NOTE: Do not scale drawings. All dimensions are in millimeters unless specified. Any omission or mistake or discrepancy shall be to the notice of the consultant's office well before execution and estimation. Levels, protective work and other design features may change as per site conditions. Any changes or modification in the design shall be brought to notice of the consultant's office prior to execution. No other responsibility falls with the Architect not shown by us or consulted.	
DRAWING TITLE: SITE PLAN	DRAWING SCALE: AS MENTIONED				



NOTE:

1. DRAWINGS TO BE READ ONLY, NOT TO BE MEASURED.
2. ANY ANOMALIES FOUND IN THE DRAWING TO BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE EXECUTION OF THE WORK.

PROJECT NAME:
CONSTRUCTION OF TWO NOS. OF
EMPLOYEE RESIDENTIAL BUILDINGS AT
PS-3, JORHAT, ASSAM

DRAWING TITLE:
SITE PLAN FOR CONSTRUCTION

CLIENT:
OIL INDIA LIMITED

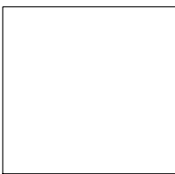
DRAWING SCALE:
AS MENTIONED

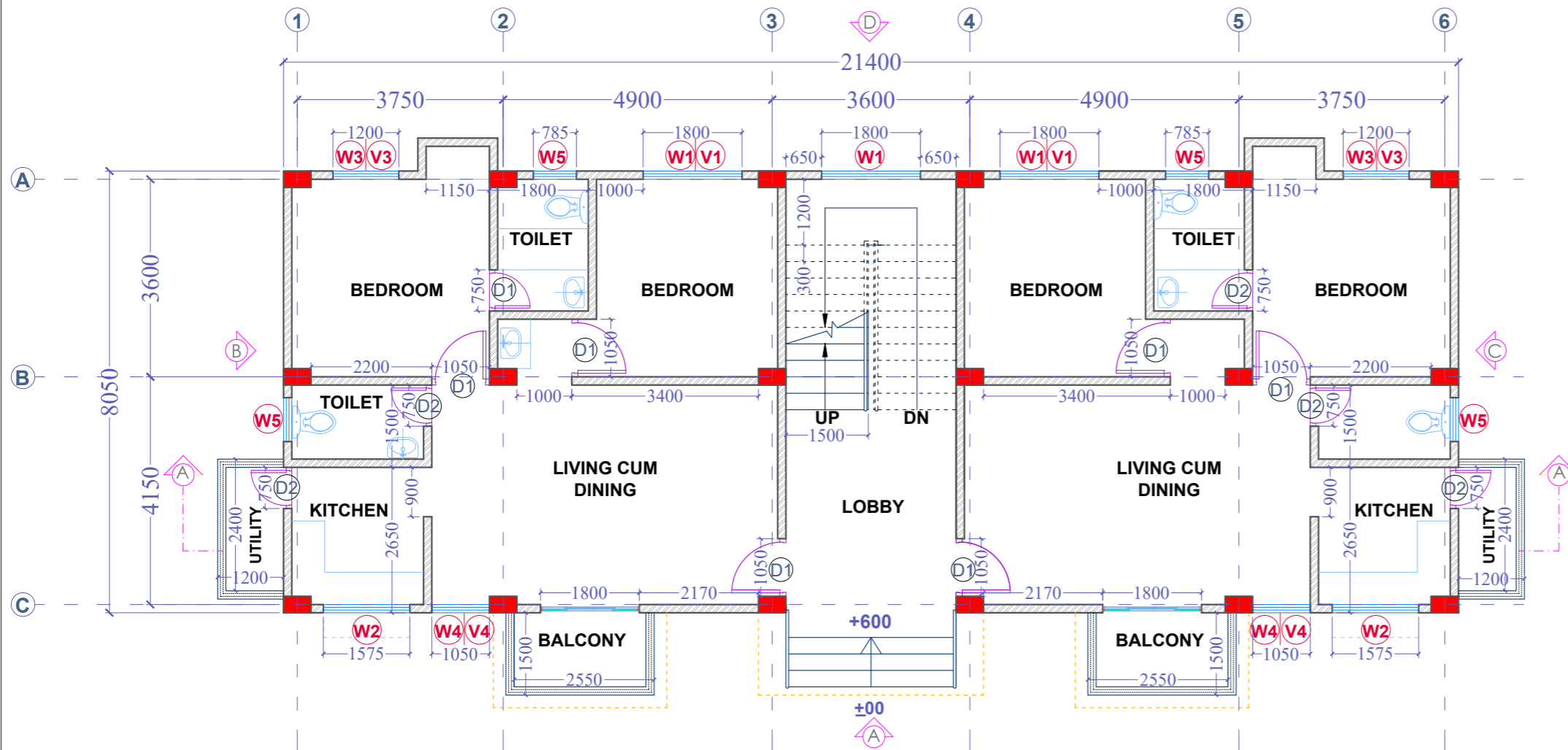
SHEET NO:
AR-2

SIGN:

NOTE:

- Do not scale drawings.
- All dimensions are in millimeters unless specified.
- Any omission or mistake or discrepancy shall be to the notice of the consultant's office well before execution and estimation.
- Levels, protective work and other design features may change as per site conditions.
- Any changes or modification in the design shall be brought to notice of the consultant's office prior to execution.
- No other responsibility falls with the Architect not shown by us or consulted.





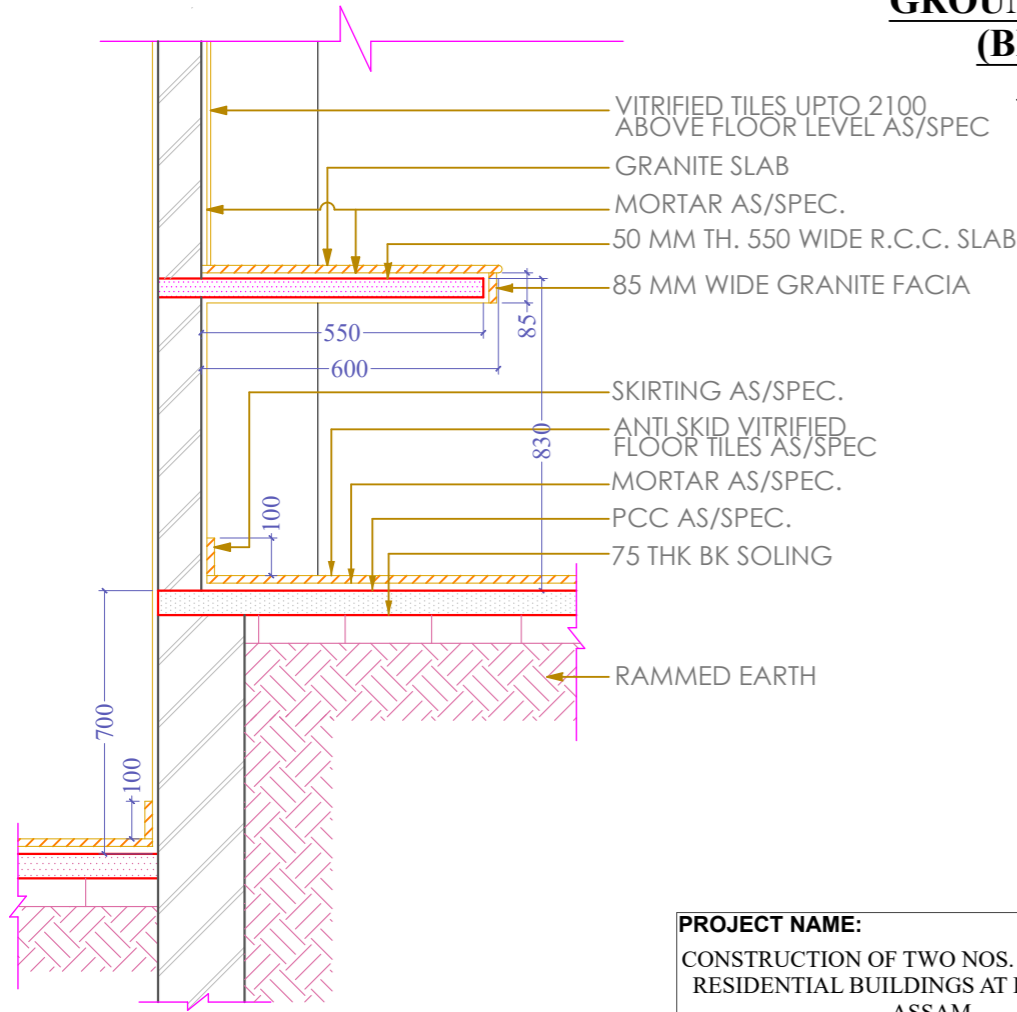
**GROUND FLOOR PLAN
(BLOCK A&B)**
SCALE : 1:100

DOOR LINTEL HEIGHT SCHEDULE:

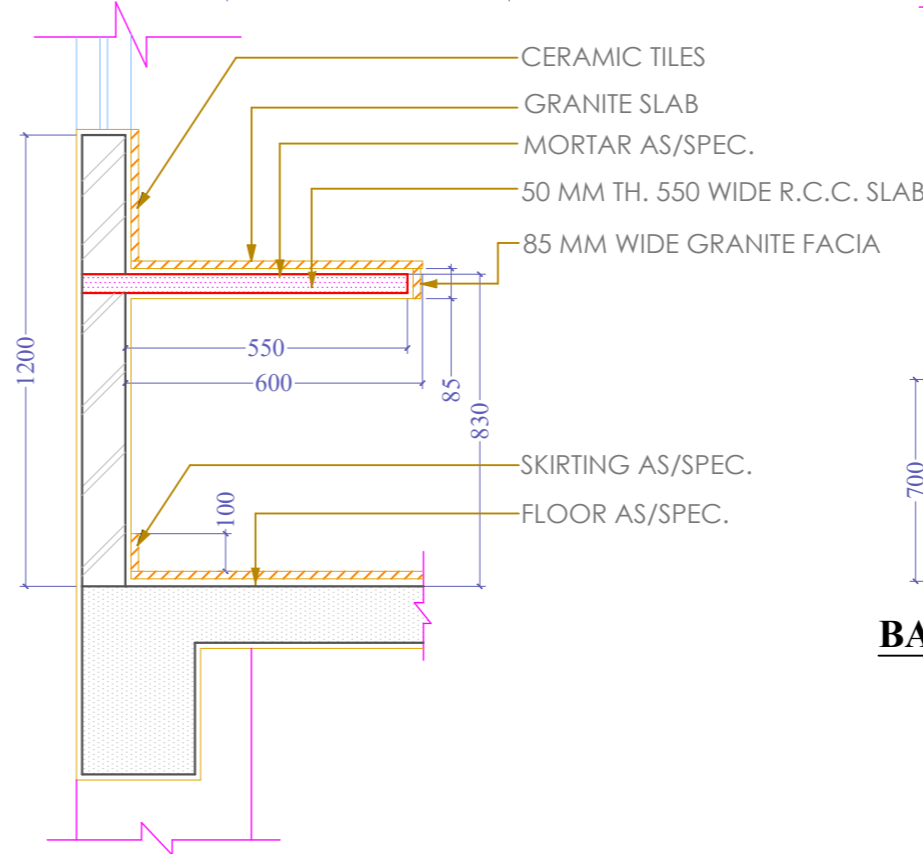
DOOR NO.	LINTEL HT. FROM DPC TOP	REMARKS
D ₁ , D ₂	2100 MM	
AL.SD ₁	2100 MM	

WINDOW SILL & LINTEL HEIGHT SCHEDULE:

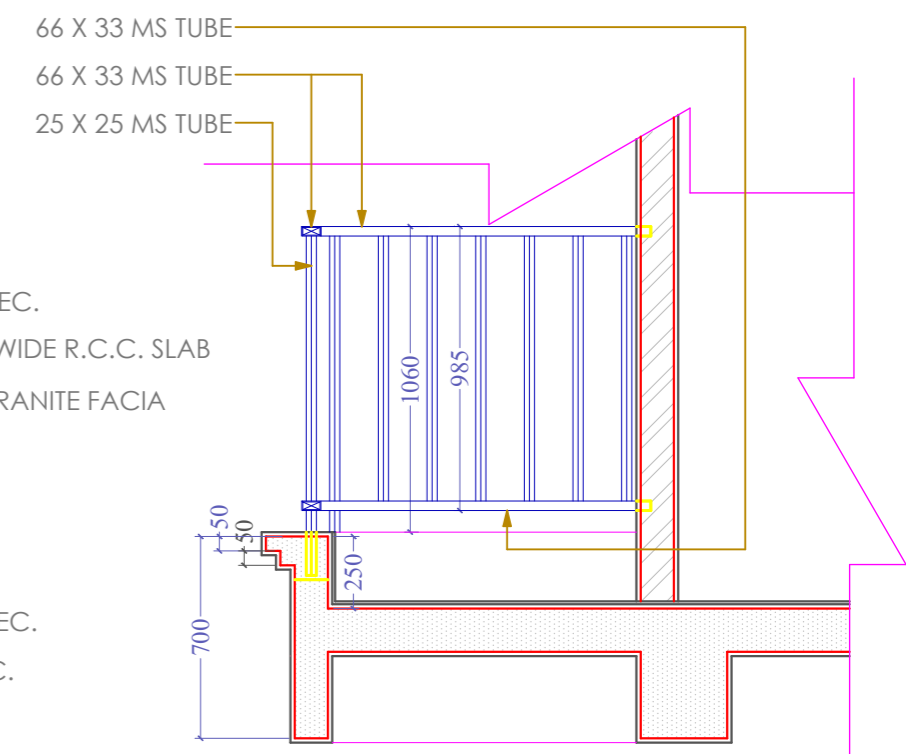
WINDOW NO.	SILL HT. FROM DPC TOP	LINTEL HT. FROM DPC TOP
W ₁ , W ₃ , W ₄	600 MM	2100 MM
W ₂	1200 MM	2100 MM
W ₅	1650 MM	2100 MM



WASH BASIN COUNTER DETAIL
NOT TO SCALE



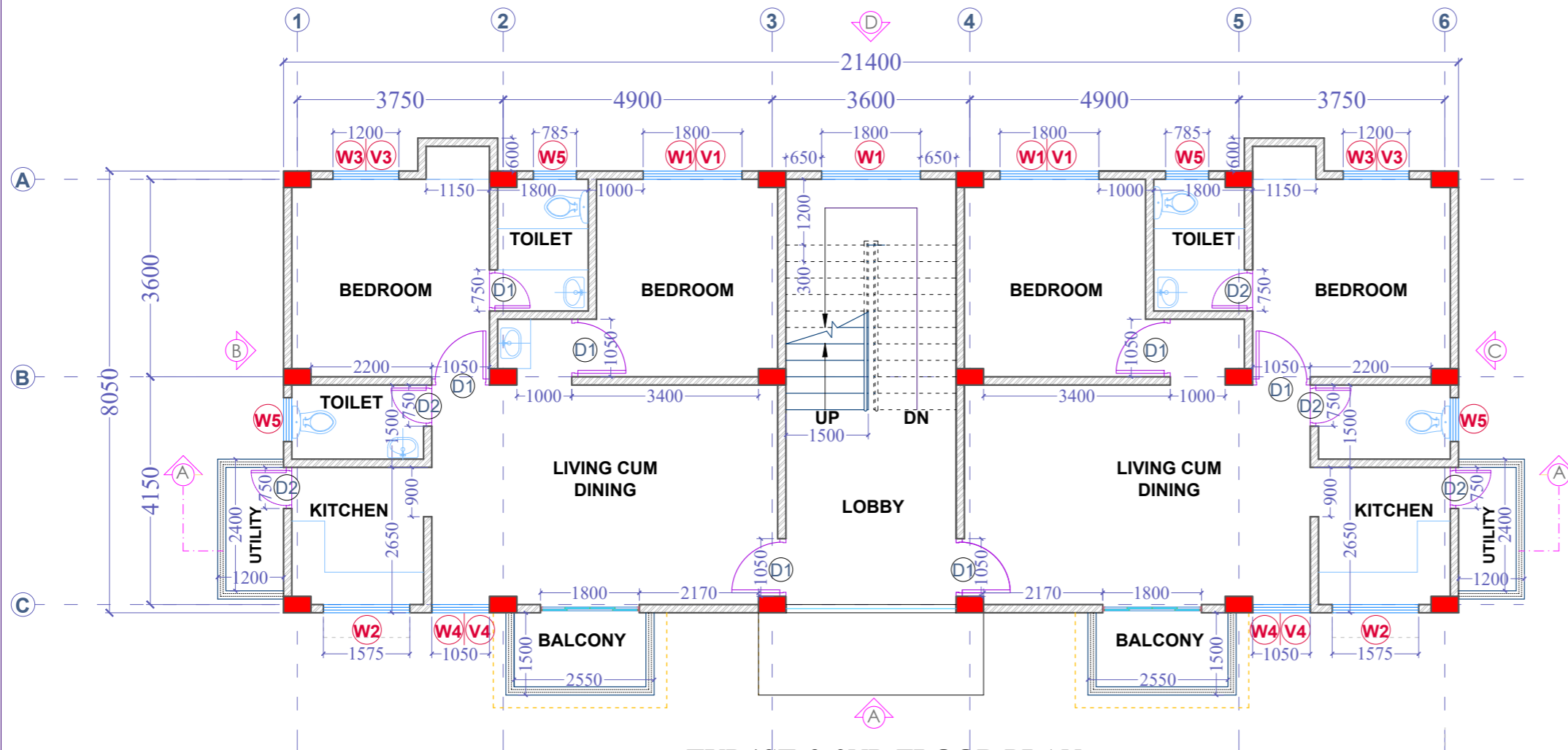
KITCHEN COUNTER DETAIL
NOT TO SCALE



BALCONY/ UTILITY RAILING DETAIL
NOT TO SCALE

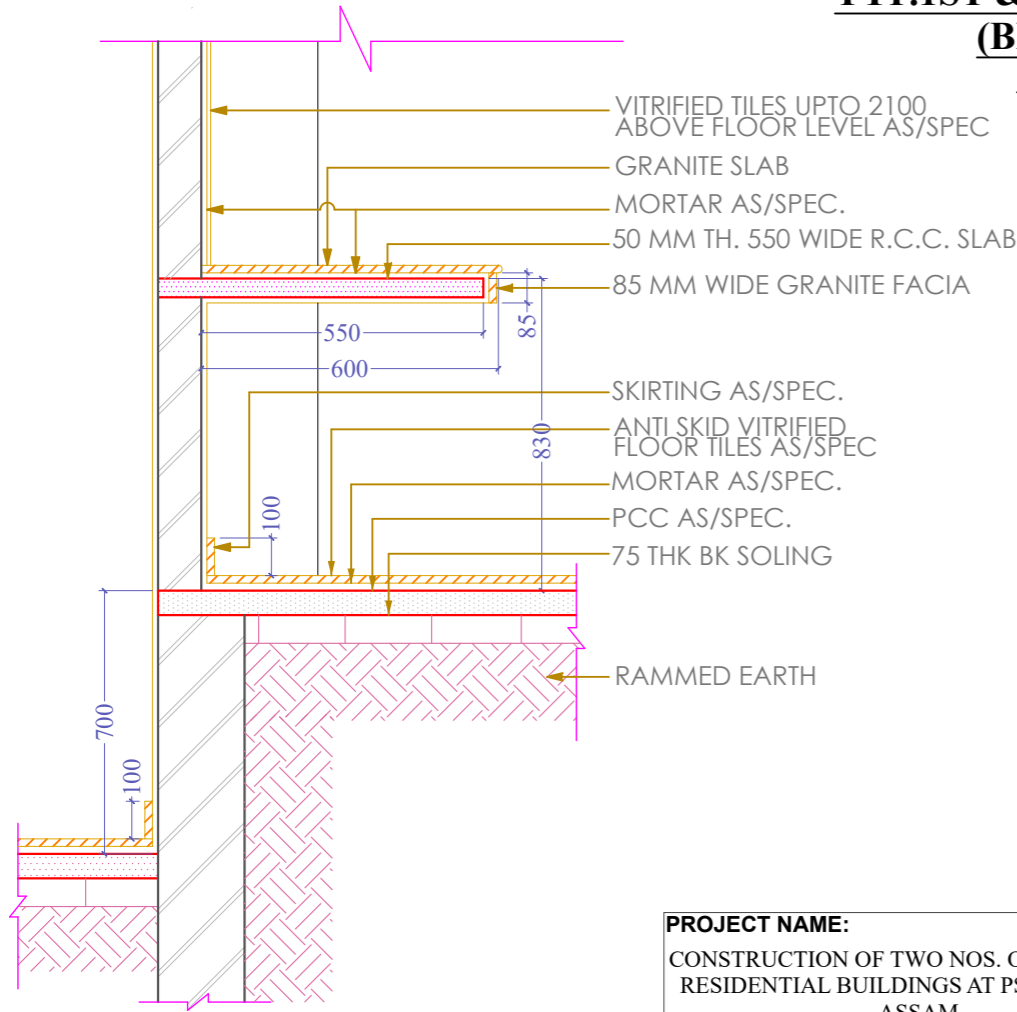
NOTE:
1. DRAWINGS TO BE READ ONLY, NOT TO BE MEASURED.
2. ANY ANOMALIES FOUND IN THE DRAWING TO BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE EXECUTION OF THE WORK.

PROJECT NAME: CONSTRUCTION OF TWO NOS. OF EMPLOYEE RESIDENTIAL BUILDINGS AT PS-3, JORHAT, ASSAM	CLIENT: OIL INDIA LIMITED	SHEET NO : AR-3	SIGN:	NOTE: Do not scale drawings. All dimensions are in millimeters unless specified. Any omission or mistake or discrepancy shall be to the notice of the consultant's office well before execution and estimation. Levels, protective work and other design features may change as per site conditions. Any changes or modification in the design shall be brought to notice of the consultant's office prior to execution. No other responsibility falls with the Architect not shown by us or consulted.
DRAWING TITLE: WORKING DRAWING (GROUND FLOOR)	DRAWING SCALE: AS MENTIONED			

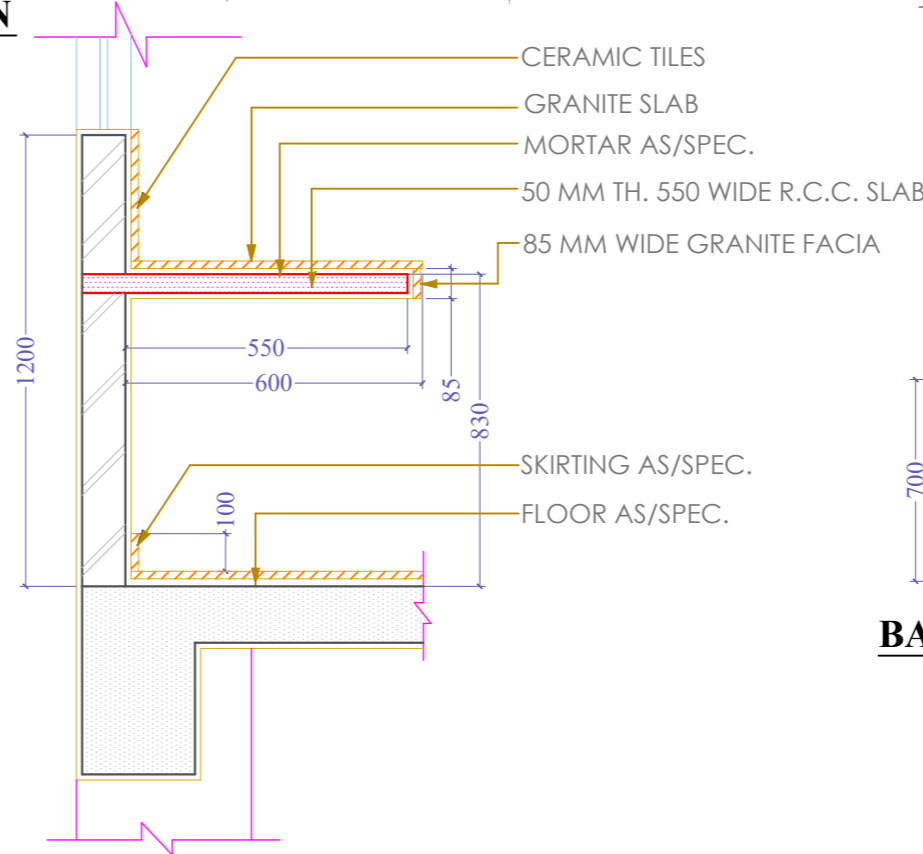


**TYP.1ST & 2ND FLOOR PLAN
(BLOCK A&B)**

SCALE : 1:100



WASH BASIN COUNTER DETAIL
NOT TO SCALE



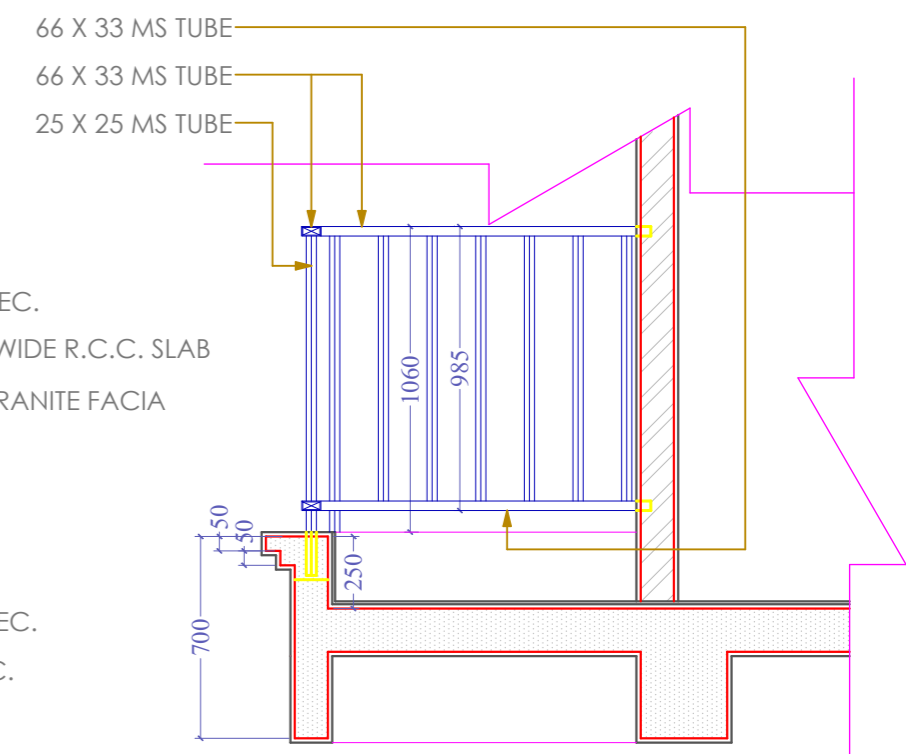
KITCHEN COUNTER DETAIL
NOT TO SCALE

DOOR LINTEL HEIGHT SCHEDULE:

DOOR NO.	LINTEL HT. FROM DPC TOP	REMARKS
D ₁ , D ₂	2100 MM	
AL.SD ₁	2100 MM	

WINDOW SILL & LINTEL HEIGHT SCHEDULE:

WINDOW NO.	SILL HT. FROM DPC TOP	LINTEL HT. FROM DPC TOP
W ₁ , W ₃ , W ₄	600 MM	2100 MM
W ₂	1200 MM	2100 MM
W ₅	1650 MM	2100 MM



BALCONY/ UTILITY RAILING DETAIL
NOT TO SCALE

NOTE:
1. DRAWINGS TO BE READ ONLY, NOT TO BE MEASURED.
2. ANY ANOMALIES FOUND IN THE DRAWING TO BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE EXECUTION OF THE WORK.

PROJECT NAME:
CONSTRUCTION OF TWO NOS. OF EMPLOYEE RESIDENTIAL BUILDINGS AT PS-3, JORHAT, ASSAM

DRAWING TITLE:
WORKING DRAWING
1ST & 2ND FLOOR PLAN

CLIENT:
OIL INDIA LIMITED

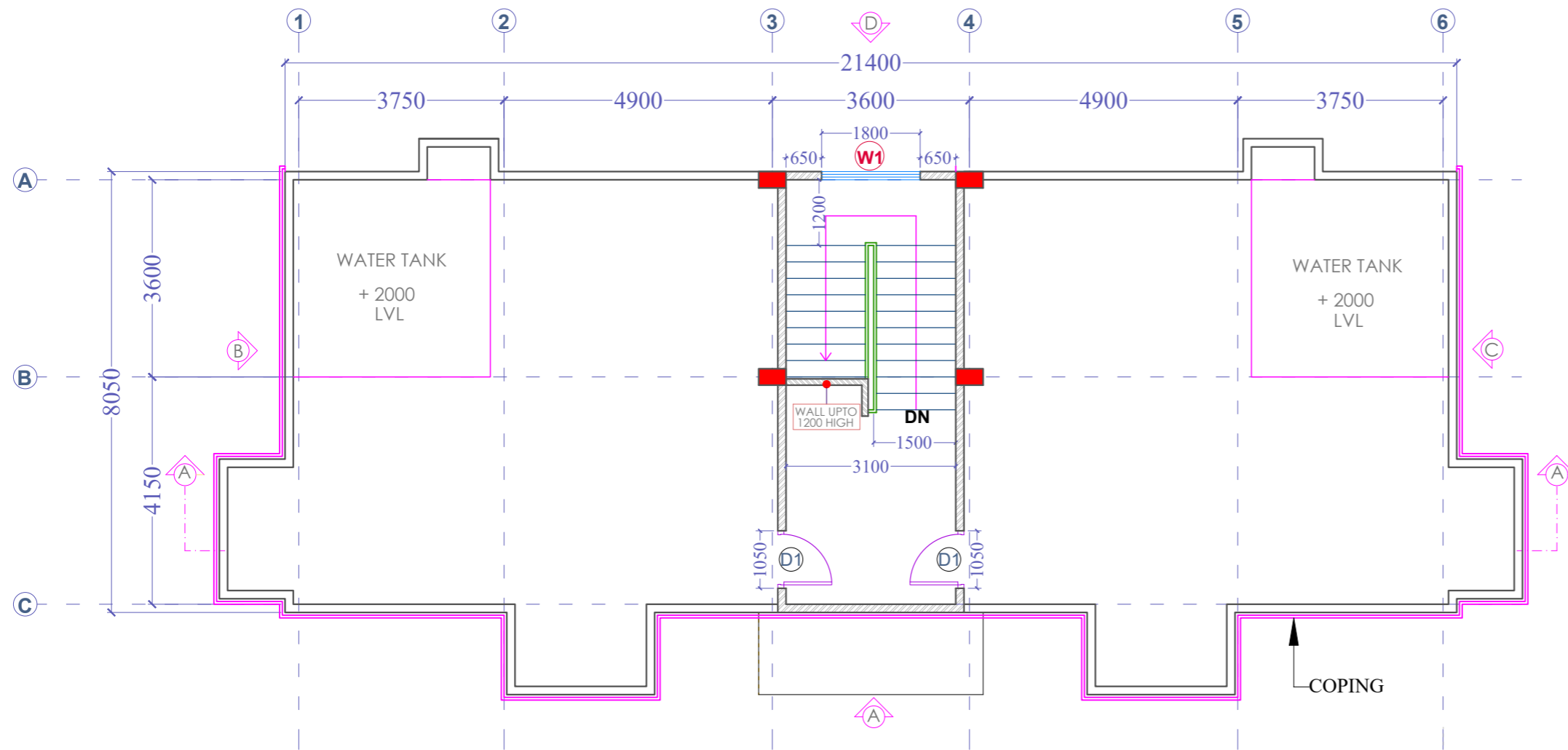
DRAWING SCALE:
AS MENTIONED

SHEET NO :
AR-4

SIGN:

NOTE:
Do not scale drawings.
All dimensions are in millimeters unless specified.
Any omission or mistake or discrepancy shall be to the notice of the consultant's office well before execution and estimation.
Levels, protective work and other design features may change as per site conditions.
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TERRACE FLOOR
SCALE : 1:100

DOOR LINTEL HEIGHT SCHEDULE:

DOOR NO.	LINTEL HT. FROM DPC TOP	REMARKS
D ₁ , D ₂	2100 MM	
ALSD ₁	2100 MM	

WINDOW SILL & LINTEL HEIGHT SCHEDULE:

WINDOW NO.	SILL HT. FROM DPC TOP	LINTEL HT. FROM DPC TOP
W ₁ , W ₃ , W ₄	600 MM	2100 MM
W ₂	1200 MM	2100 MM
W ₅	1650 MM	2100 MM

NOTE:

1. DRAWINGS TO BE READ ONLY, NOT TO BE MEASURED.
2. ANY ANOMALIES FOUND IN THE DRAWING TO BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE EXECUTION OF THE WORK.

PROJECT NAME:
CONSTRUCTION OF TWO NOS. OF EMPLOYEE
RESIDENTIAL BUILDINGS AT PS-3, JORHAT,
ASSAM

CLIENT:
OIL INDIA LIMITED

SHEET NO :
AR-5

SIGN:

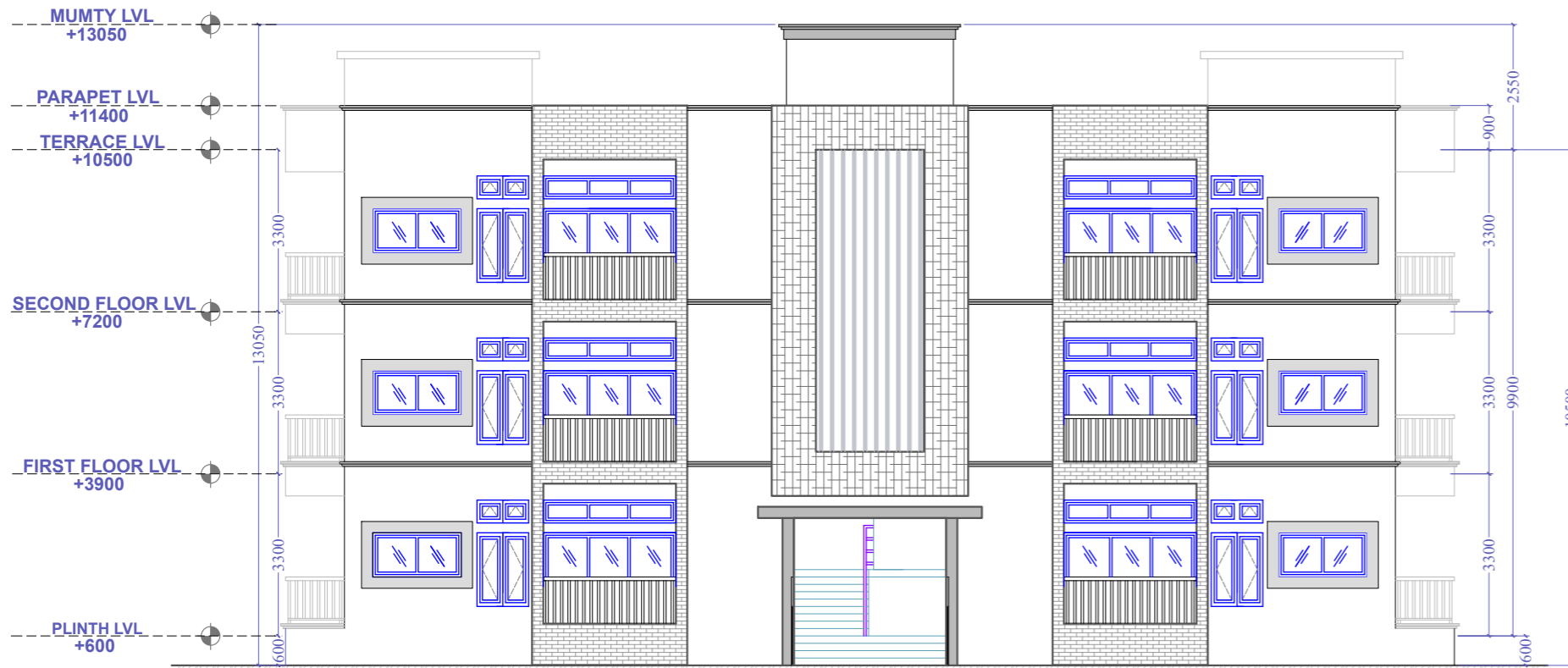
NOTE:

- Do not scale drawings.
- All dimensions are in millimeters unless specified.
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DRAWING TITLE:
WORKING DRAWING
TERRACE FLOOR PLAN

DRAWING SCALE:
AS MENTIONED

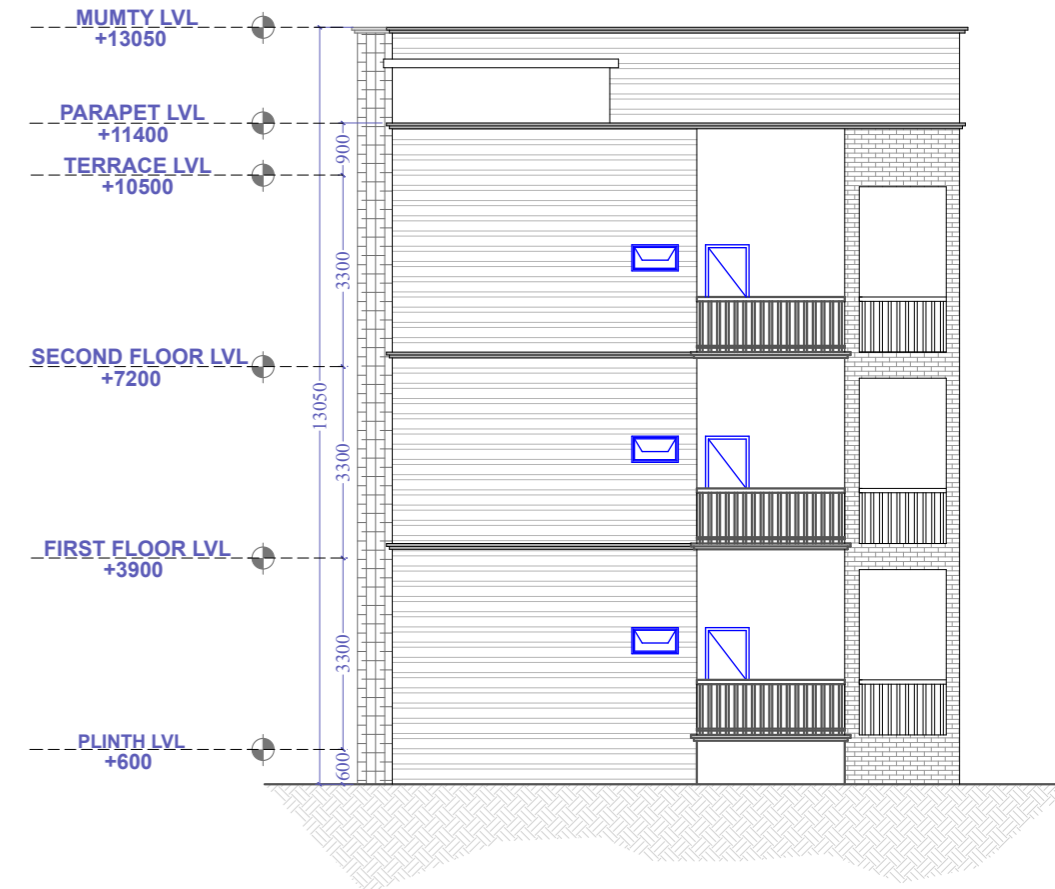




**FRONT ELEVATION A
(BLOCK A&B)**



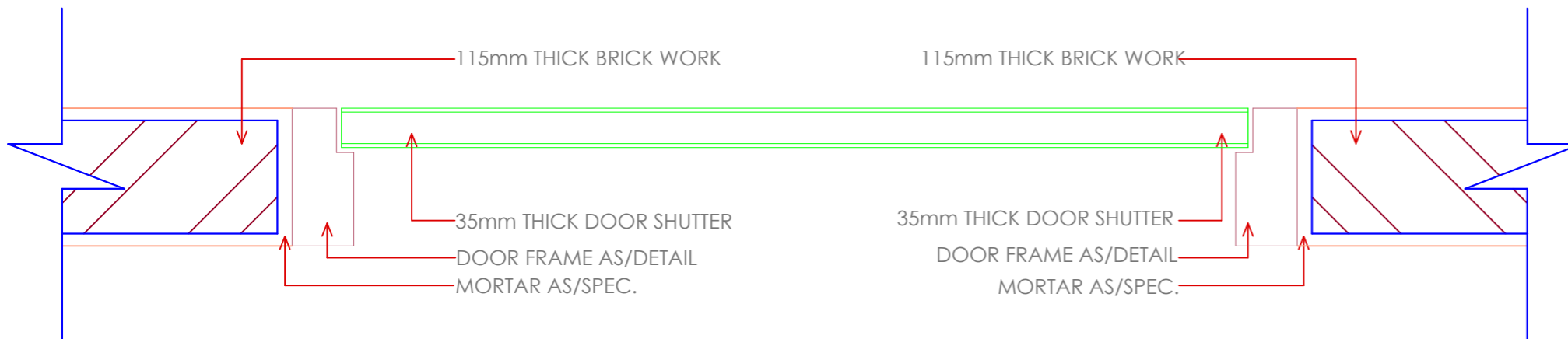
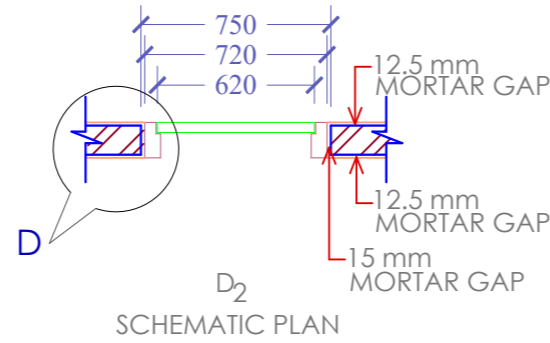
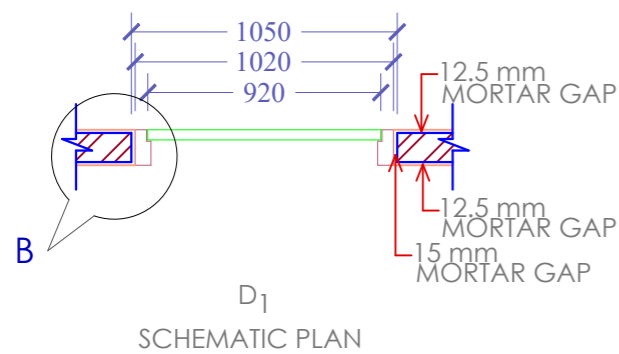
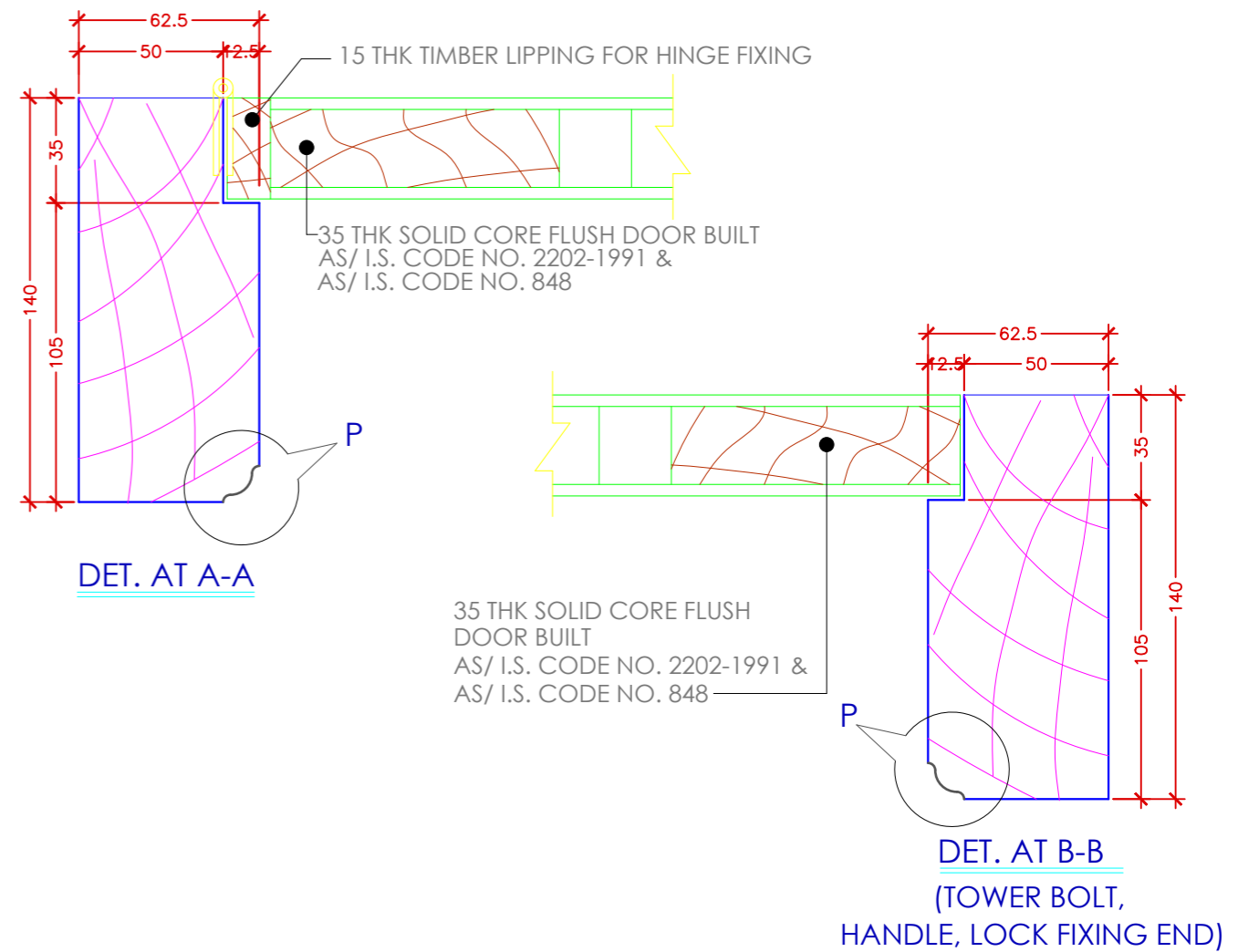
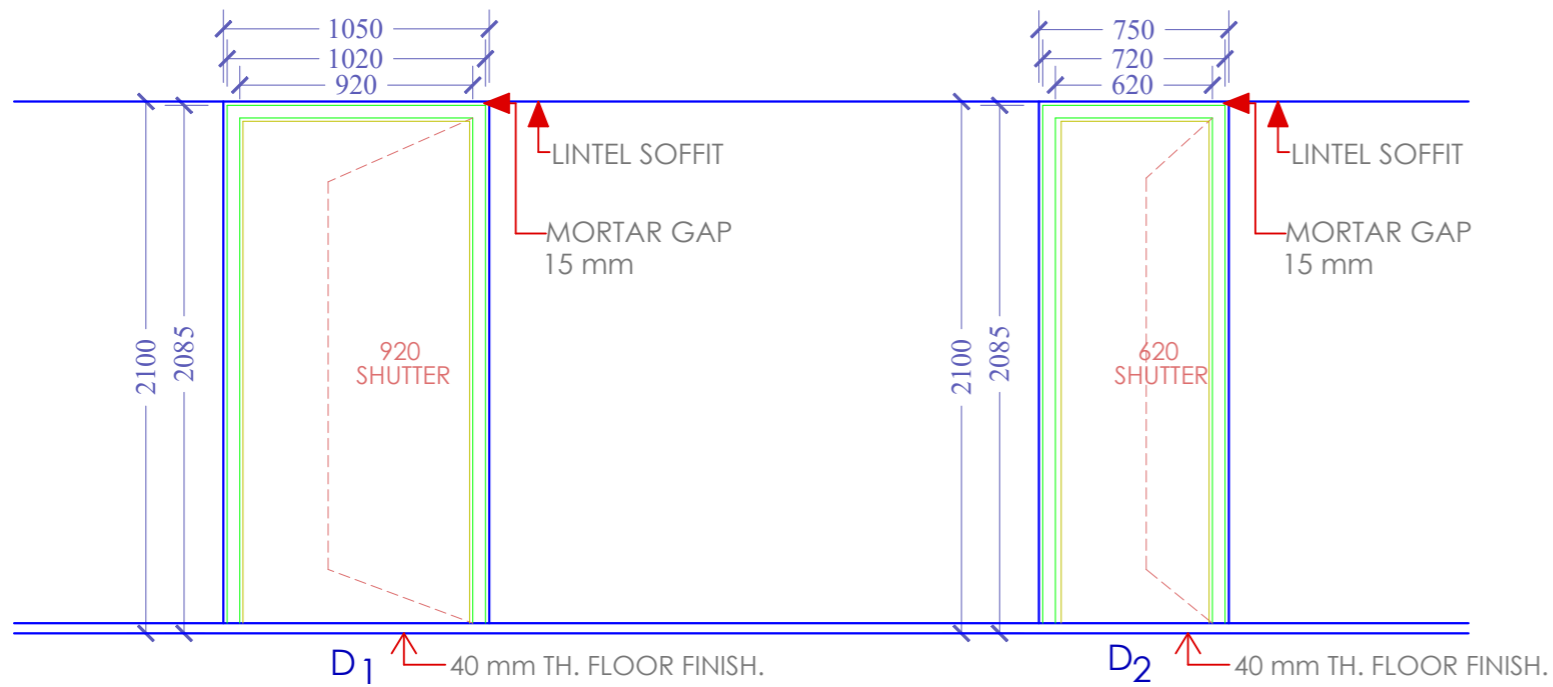
**BACK ELEVATION D
(BLOCK A&B)**



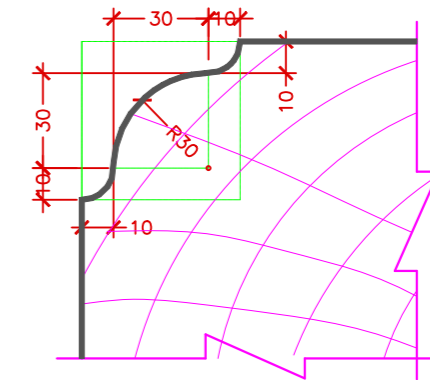
NOTE:

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2. ANY ANOMALIES FOUND IN THE DRAWING TO BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE EXECUTION OF THE WORK.

PROJECT NAME: CONSTRUCTION OF TWO NOS. OF EMPLOYEE RESIDENTIAL BUILDINGS AT PS-3, JORHAT, ASSAM	CLIENT: OIL INDIA LIMITED	SHEET NO : AR-6	SIGN:	NOTE: Do not scale drawings. All dimensions are in millimeters unless specified. Any omission or mistake or discrepancy shall be to the notice of the consultant's office well before execution and estimation. Levels, protective work and other design features may change as per site conditions. Any changes or modification in the design shall be brought to notice of the consultant's office prior to execution. No other responsibility falls with the Architect not shown by us or consulted.	
DRAWING TITLE: WORKING DRAWING ELEVATIONS	DRAWING SCALE: AS MENTIONED				



PLAN DETAIL AT B & D (D₁ & D₂)
SCALE - NOT TO SCALE



DETAILS OF "P"

SCHEDULE OF DOORS -

DOOR NO.	MASONRY OPENING	FRAME SIZE	SOFFIT AT	GROUND FLOOR	FIRST FLOOR	SECOND FLOOR	TERRACE NO.	TOTAL NO.	REMARKS
D ₁	1050 X 2085	1020 X 2070	2100	6 NOS.	6 NOS.	6 NOS.	2 NOS.	20 NOS.	WOODEN DOOR AS/SPEC.
D ₂	750 X 2085	720 X 2070	2100	6 NOS.	6 NOS.	6 NOS.	X	18 NOS.	WOODEN DOOR AS/SPEC.

NOTE:

1. DRAWINGS TO BE READ ONLY, NOT TO BE MEASURED.
2. ANY ANOMALIES FOUND IN THE DRAWING TO BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE EXECUTION OF THE WORK.

PROJECT NAME:
CONSTRUCTION OF TWO NOS. OF
EMPLOYEE RESIDENTIAL BUILDINGS AT
PS-3, JORHAT, ASSAM

CLIENT:
OIL INDIA LIMITED

SHEET NO:
AR - 7

SIGN:

NOTE:
Do not scale drawings.
All dimensions are in millimeters unless specified.
Any omission or mistake or discrepancy shall be to the notice of the consultant's office well before execution and estimation.
Levels, protective work and other design features may change as per site conditions.
Any changes or modification in the design shall be brought to notice of the consultant's office prior to execution.
No other responsibility falls with the Architect not shown by us or consulted.

DRAWING TITLE:
DOOR SCHEDULE

DRAWING SCALE:
NOT TO SCALE

SCHEDULE OF ALUMINIUM WINDOWS, VENTILATORS, DOOR -

SL NO.	MASONRY OPENING	FRAME SIZE	SOFFIT AT	GROUND FLOOR	FIRST FLOOR	SECOND FLOOR	TERRACE FLOOR	TOTAL NO.	REMARKS
ALUMINIUM SLIDING WINDOW									
W ₁	1800 X 1500	1770 X 1470	2100	3 NOS.	3 NOS.	3 NOS.	1 NO.	10 NOS.	ALUMINIUM WINDOW AS/SPEC.
W ₂	1565 X 900	1535 X 870	2100	2 NOS.	2 NOS.	2 NOS.	X	6 NOS.	ALUMINIUM WINDOW AS/SPEC.
W ₃	1200 X 1500	1170 X 1470	2100	2 NOS.	2 NOS.	2 NOS.	X	6 NOS.	ALUMINIUM WINDOW AS/SPEC.
W ₄	1000 X 1500	970 X 1470	2100	2 NO.	2 NO.	2 NO.	X	6 NOS.	ALUMINIUM WINDOW AS/SPEC.
W ₅	785 X 450	755 X 420	2100	4 NOS.	4 NOS.	4 NOS.	X	12 NOS.	ALUMINIUM WINDOW AS/SPEC.

ALUMINIUM SLIDING VENTILATOR

V ₁	1800 X 450	1770 X 420	BEAM SOFFIT	3 NOS.	3 NOS.	3 NOS.	X	9 NOS.	ALUMINIUM VENTILATOR AS/SPEC.
V ₃	1200 X 450	1170 X 420	BEAM SOFFIT	2 NOS.	2 NOS.	2 NOS.	X	6 NOS.	ALUMINIUM VENTILATOR AS/SPEC.
V ₄	1000 X 450	970 X 420	BEAM SOFFIT	2 NOS.	2 NOS.	2 NOS.	X	6 NOS.	ALUMINIUM VENTILATOR AS/SPEC.

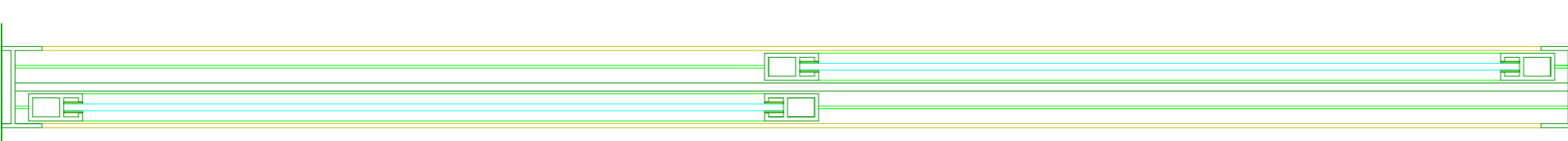
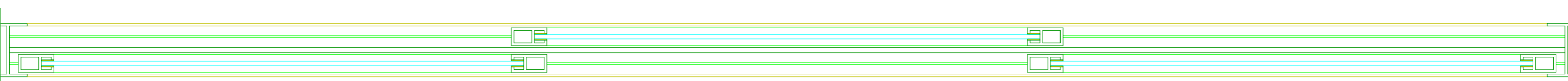
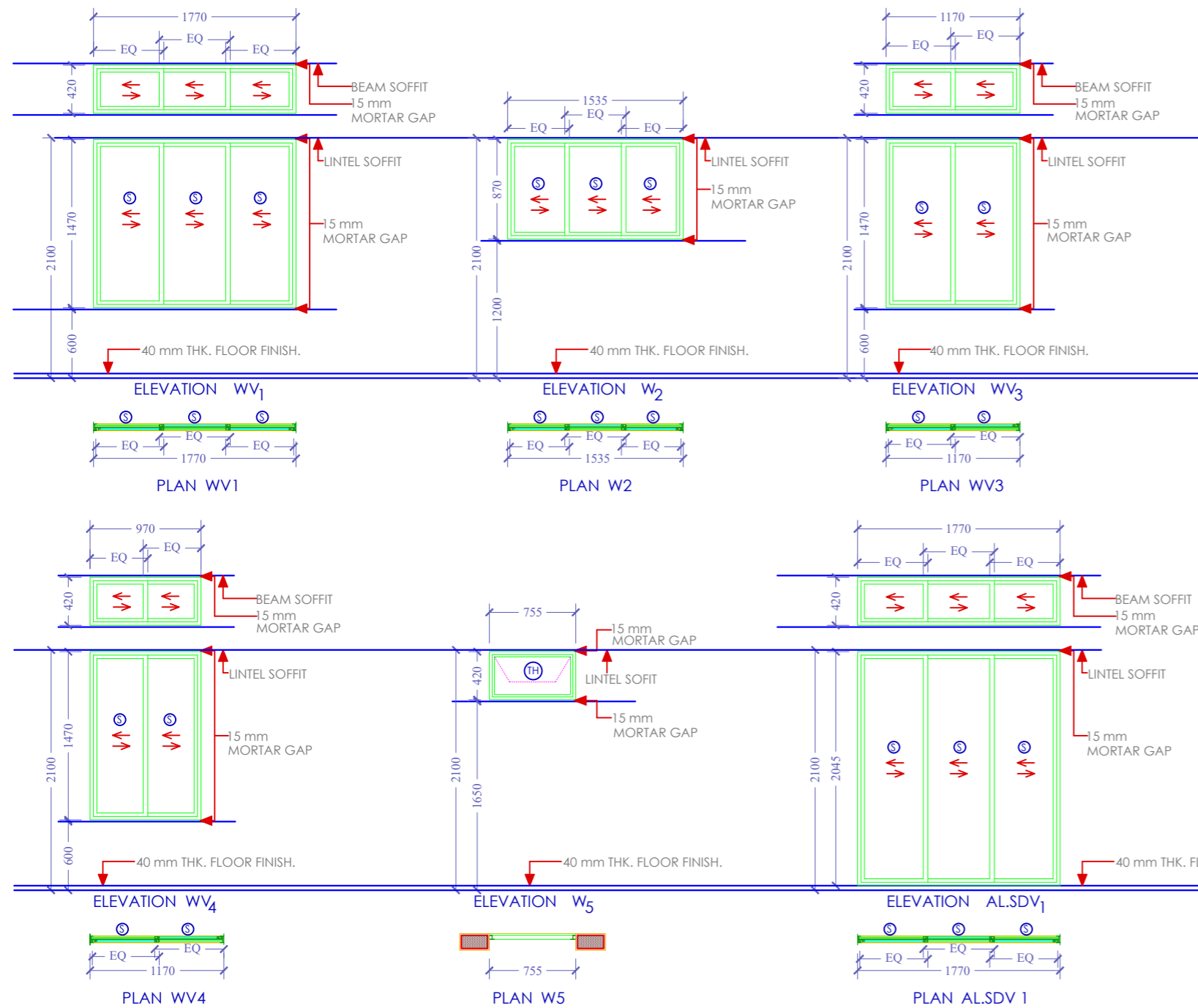
ALUMINIUM SLIDING DOOR

AL.D ₁	1800 X 2100	1770 X 2085	2100	2 NOS.	2 NOS.	2 NOS.	X	6 NOS.	ALUMINIUM DOOR AS/SPEC.
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ALUMINIUM SLIDING VENTILATOR

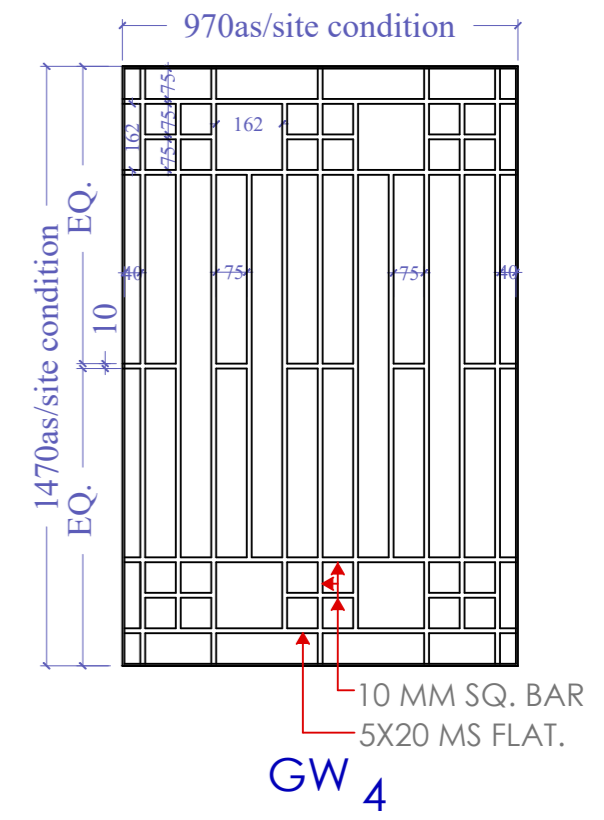
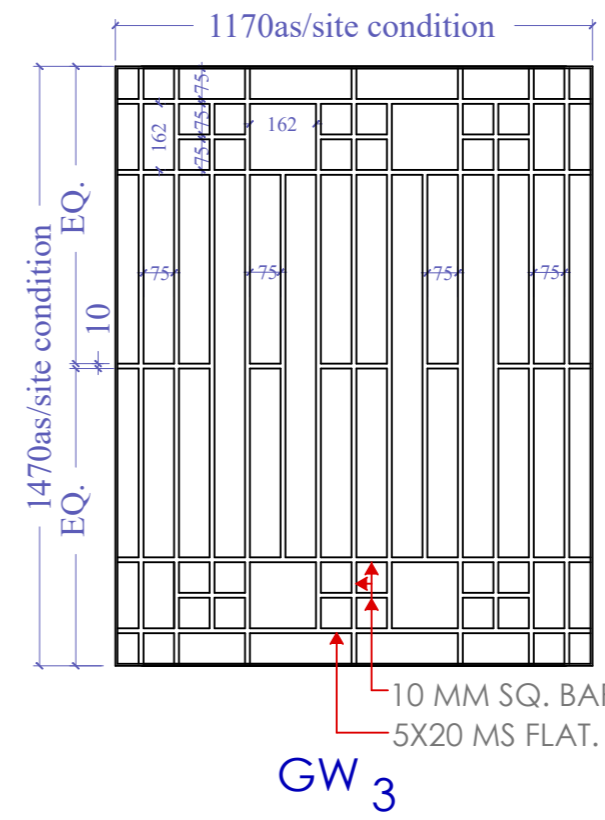
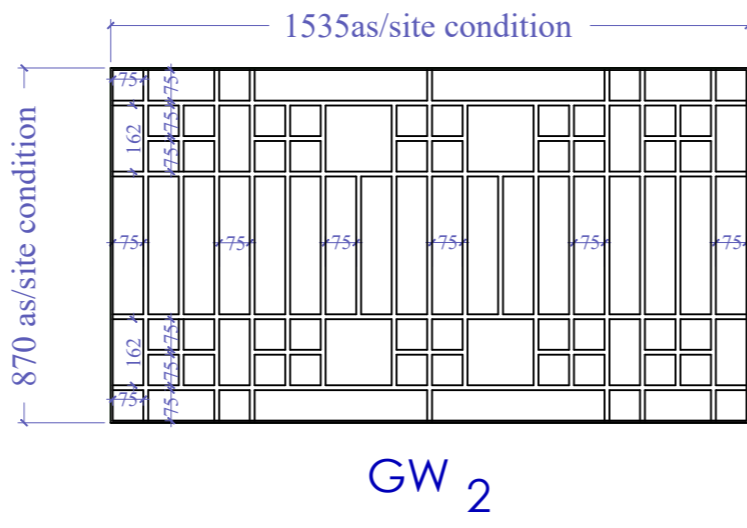
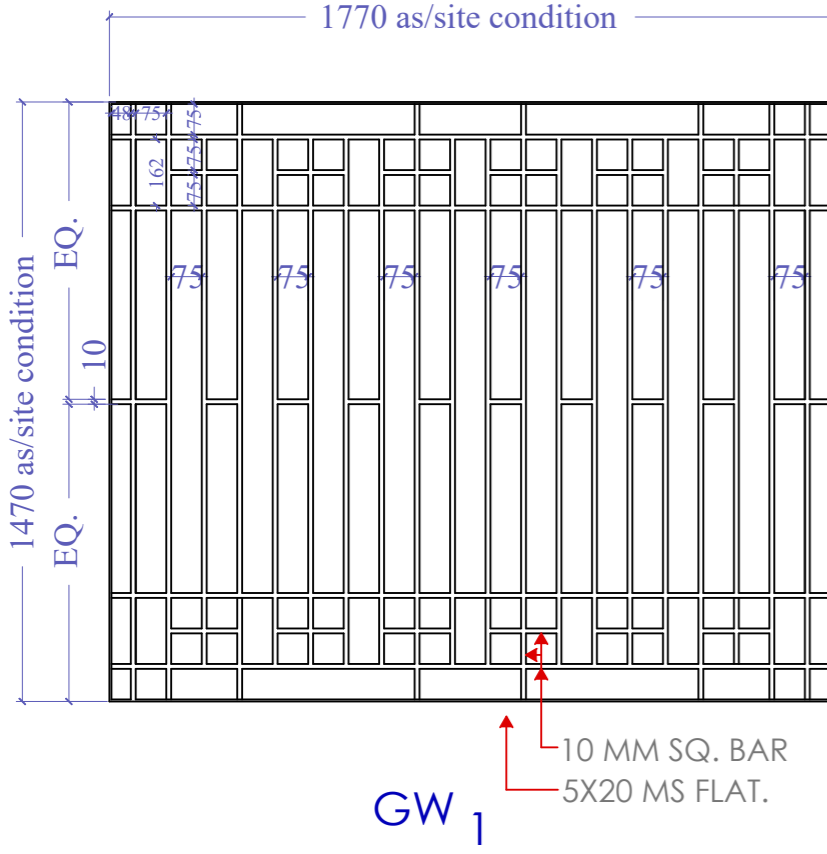
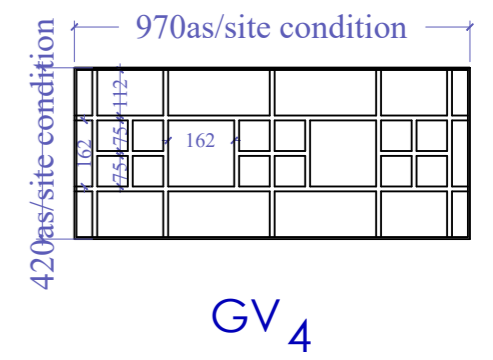
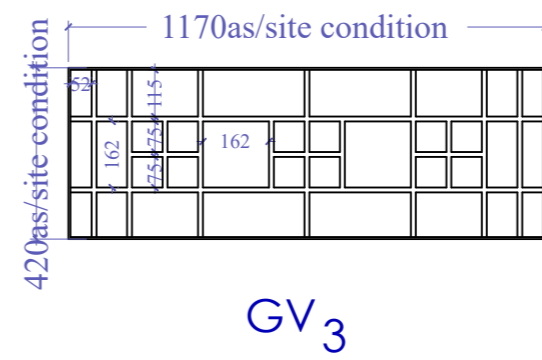
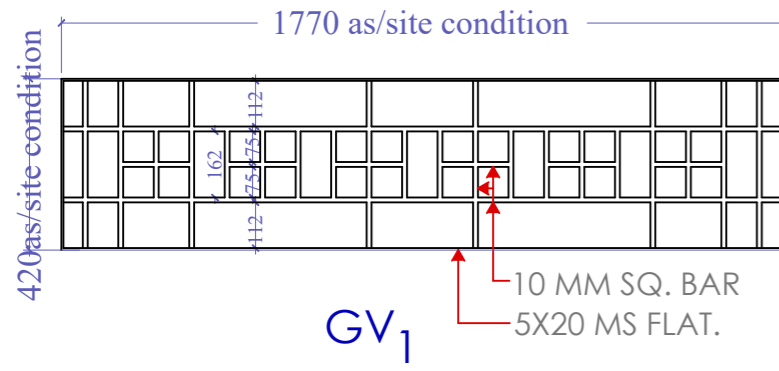
AL.V ₁	1800 X 450	1770 X 420	BEAM SOFFIT	2 NOS.	2 NOS.	2 NOS.	X	6 NOS.	ALUMINIUM VENTILATOR AS/SPEC.
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LEGEND	
S	:SLIDING
TH	:TOP HUNG
WV	:WINDOW VENTILATOR
AL.SDV	:ALUMINIUM SLIDING DOOR VENTILATOR



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PROJECT NAME: CONSTRUCTION OF TWO NOS. OF EMPLOYEE RESIDENTIAL BUILDINGS AT PS-3, JORHAT, ASSAM	CLIENT: OIL INDIA LIMITED	SHEET NO: AR - 8	SIGN:	NOTE: Do not scale drawings. All dimensions are in millimeters unless specified. Any omission or mistake or discrepancy shall be to the notice of the consultant's office well before execution and estimation. Levels, protective work and other design features may change as per site conditions. Any changes or modification in the design shall be brought to notice of the consultant's office prior to execution. No other responsibility falls with the Architect not shown by us or consulted.
DRAWING TITLE: ALUMINIUM WINDOW, DOOR & VENTILATOR SCHEDULE	DRAWING SCALE: NOT TO SCALE			



WINDOW & VENTILATOR GRILL DETAIL -

SL NO.	MASONRY OPENING	FRAME SIZE	GROUND FLOOR	FIRST FLOOR	SECOND FLOOR	TERRACE FLOOR	TOTAL NO.
WINDOW GRILL -							
GW ₁	1800 X 1500	1770 X 1470	3 NOS.	3 NOS.	3 NOS.	1 NO.	10 NOS.
GW ₂	1565 X 900	1535 X 870	2 NOS.	2 NOS.	2 NOS.	X	6 NOS.
GW ₃	1200 X 1500	1170 X 1470	2 NOS.	2 NOS.	2 NOS.	X	6 NOS.
GW ₄	1000 X 1500	970 X 1470	2 NO.	2 NO.	2 NO.	X	6 NOS.
VENTILATOR GRILL -							
GW ₁	1800 X 1500	1770 X 1470	3 NOS.	3 NOS.	3 NOS.	1 NO.	10 NOS.
GW ₃	1200 X 1500	1170 X 1470	2 NOS.	2 NOS.	2 NOS.	X	6 NOS.
GW ₄	1000 X 1500	970 X 1470	2 NO.	2 NO.	2 NO.	X	6 NOS.

NOTE:

1. ALL DIMENSIONS ARE APPROXIMATE. ALL GRILL TO BE FABRICATED AS PER ACTUAL SITE CONDITION.
2. ALL GRILLS TO BE FITTED TO THE SUPER STRUCTURE WITH ANCHOR FASTNERS.
3. ALL WINDOW AND VENTILATOR GRILLS TO BE FIXED TOWARDS INSIDE THE BUILDING.
4. DRAWINGS TO BE READ ONLY, NOT TO BE MEASURED.
5. ANY ANOMALIES FOUND IN THE DRAWING TO BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE EXECUTION OF THE WORK.

PROJECT NAME:
CONSTRUCTION OF TWO NOS. OF
EMPLOYEE RESIDENTIAL BUILDINGS AT
PS-3, JORHAT, ASSAM

DRAWING TITLE:
GRILL DETAILS

CLIENT:
OIL INDIA LIMITED

DRAWING SCALE:
NOT TO SCALE

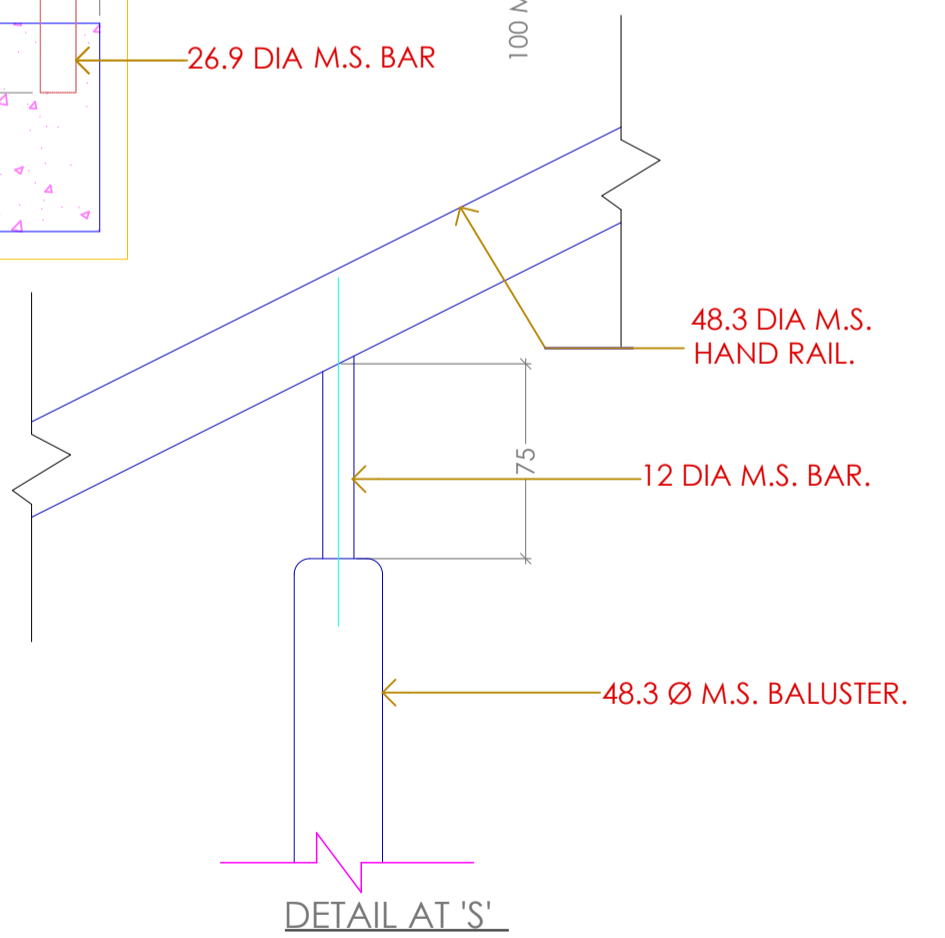
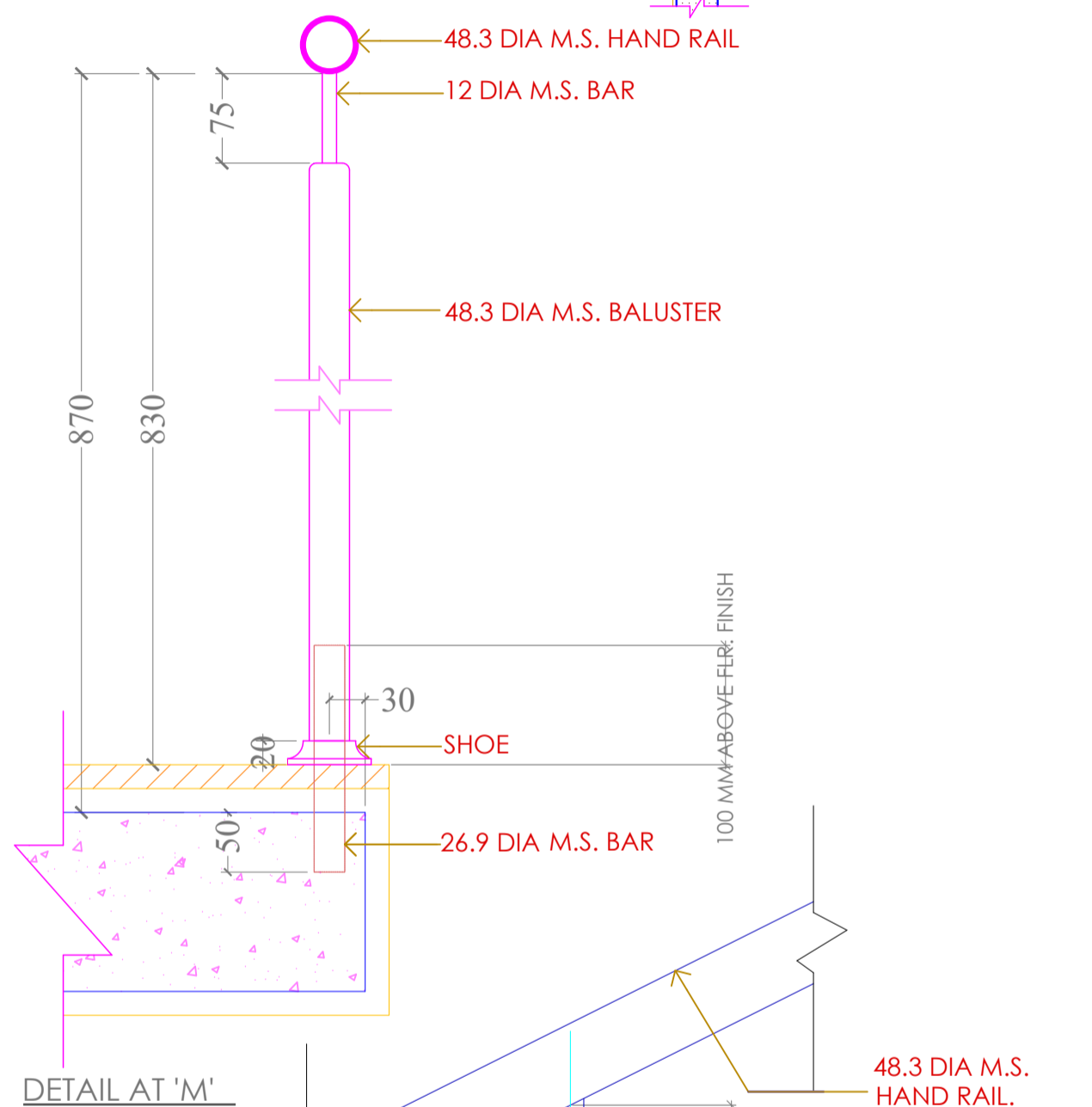
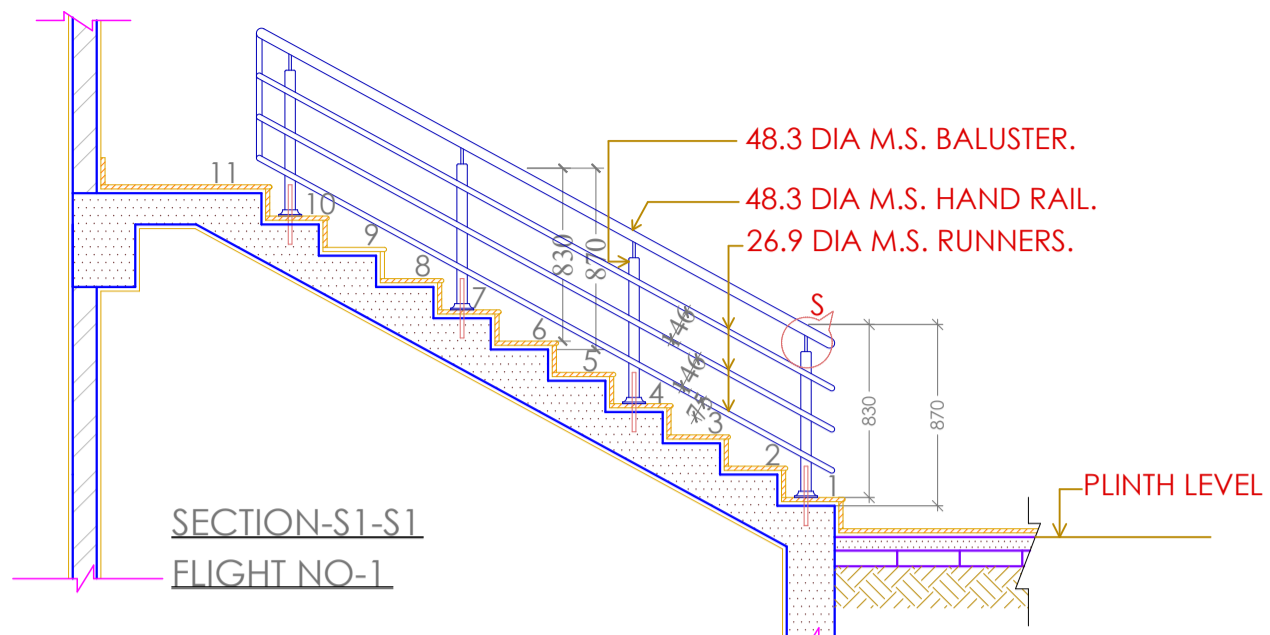
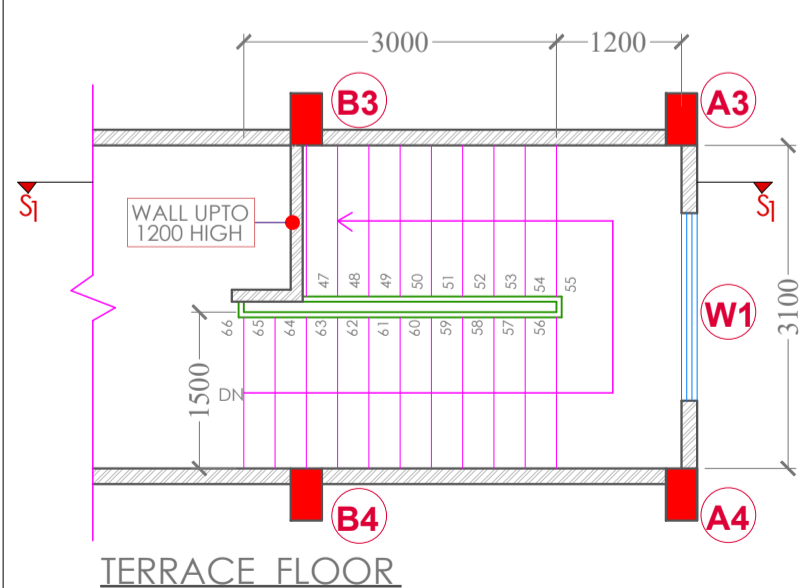
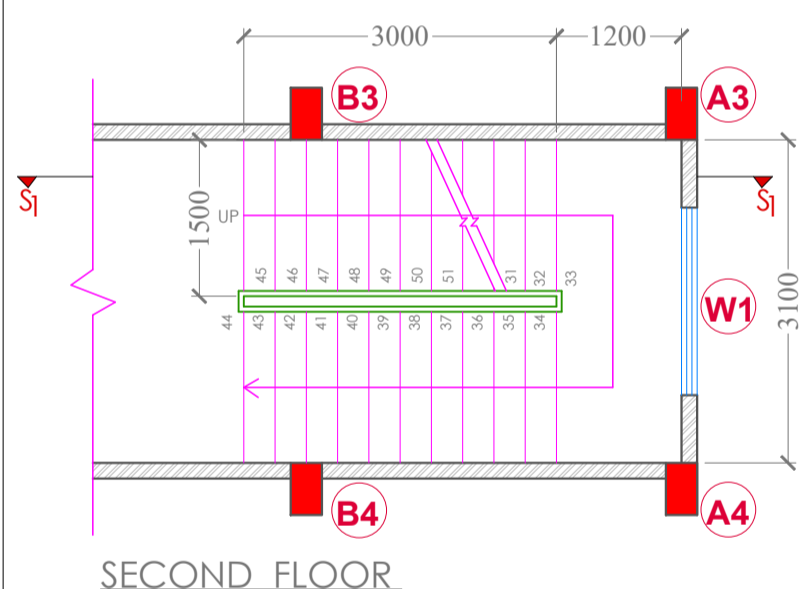
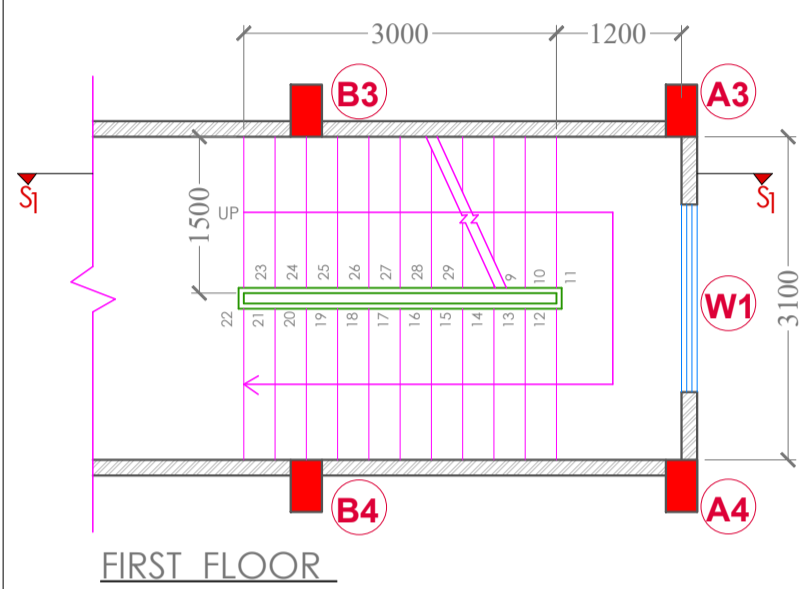
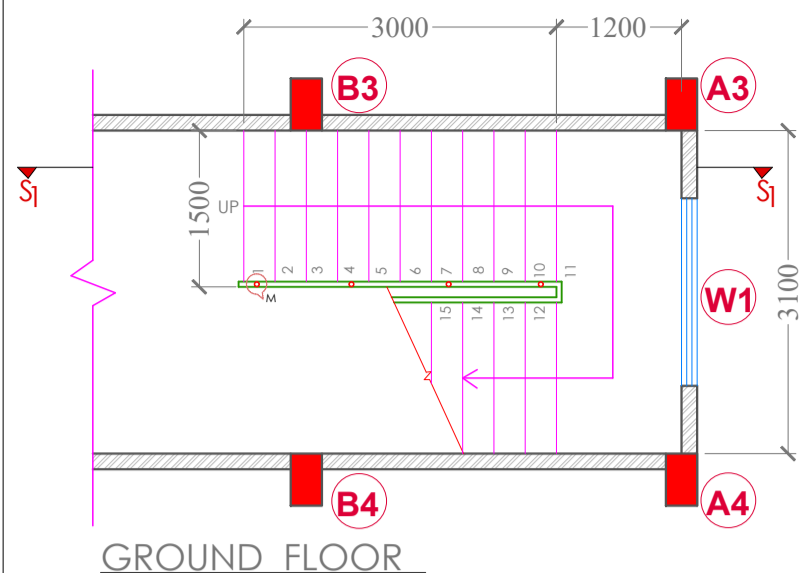
SHEET NO:
AR - 9

SIGN:

NOTE:

- Do not scale drawings.
- All dimensions are in millimeters unless specified.
- Any omission or mistake or discrepancy shall be to the notice of the consultant's office well before execution and estimation.
- Levels, protective work and other design features may change as per site conditions.
- Any changes or modification in the design shall be brought to notice of the consultant's office prior to execution.
- No other responsibility falls with the Architect not shown by us or consulted.





NOTE:

1. DRAWINGS TO BE READ ONLY, NOT TO BE MEASURED.
2. ANY ANOMALIES FOUND IN THE DRAWING TO BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE EXECUTION OF THE WORK.

PROJECT NAME: CONSTRUCTION OF TWO NOS. OF EMPLOYEE RESIDENTIAL BUILDINGS AT PS-3, JORHAT, ASSAM	CLIENT: OIL INDIA LIMITED
DRAWING TITLE: STAIRCASE RAILING DETAILS	DRAWING SCALE: NOT TO SCALE

SHEET NO: AR - 10	SIGN:
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NOTE: Do not scale drawings. All dimensions are in millimeters unless specified. Any omission or mistake or discrepancy shall be to the notice of the consultant's office well before execution and estimation. Levels, protective work and other design features may change as per site conditions. Any changes or modification in the design shall be brought to notice of the consultant's office prior to execution. No other responsibility falls with the Architect not shown by us or consulted.	
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