

**OIL INDIA LIMITED**  
**(A Govt. of India Enterprise)**  
**P.O. Duliajan-786 602(Assam)**

OIL INDIA LIMITED, a premier Public Sector Enterprise of Govt. of India engaged in drilling and exploration activities for hydrocarbon invites Sealed quotations under Single stage Two Bid tendering system from experienced and established firms / contractors meeting the requisite criteria for the under mentioned work.

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**Description of Works**

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**Tender No.DCC3855P10**

Construction of new office building for Field Engineering at Industrial area, including supply of all materials at Duliajan except cement.

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2.0 The interested contractors / firms should send the applications for issue of tender documents addressed to HEAD (CONTRACTS), OIL INDIA LIMITED, Duliajan-786602, District - Dibrugarh, Assam. Application may be sent by post. However, for the delay in receipt or non-receipt of the same, Head (Contracts) will not be responsible.

3.0 **Issue of Tender Documents**

Prescribed Tender Documents (non-transferable) are to be purchased from the office of HEAD (CONTRACTS), OIL INDIA LIMITED, P.O. DULIAJAN - 786602, within office working hours from 20<sup>th</sup> July to 10<sup>th</sup> August' 2009, on application along with non-refundable Tender Fee amounting to Rs.1000.00 (Rupees One thousand only) through a Crossed Demand Draft / Banker's Cheque in favour of "Oil India Limited" payable at Duliajan. Applicant can also deposit the tender fee directly in UBI / UCO / SBI / ALLAHABAD / CANARA Banks (Duliajan Branch) and proof of such deposit must be furnished along with the application of tender documents. The details of tenders are available at Website [www.oil-india.com](http://www.oil-india.com).

4.0 **Eligibility Criteria**

Interested contractors / firms shall have to submit the following documents to qualify for opening of the Price Bid -

(a) Experience of having successfully completed similar works with CPWD, Railways, APWD, APPWD, MES, NRL, ONGCL, OIL or any other Government Organization / Public Sector Undertaking. The minimum value of contract job executed successfully during the last seven (07) years as on the last date of the month previous to the bid closing date:

One single contract job of value of Rs.39.50 Lacs  
Or

Two contract jobs of value of Rs.24.50 Lacs each.  
Or

Three contract jobs of value of Rs.19.50 Lacs each

b) Average Annual Financial Turnover during the last three (03) years, ending 31<sup>st</sup> March 2008 should be at least Rs.15.00 Lacs. The proof of Annual Turnover should be either in the form of Audited Balance Sheet or Certification from Chartered / Cost Accountant firm along with Profit and Loss account indicating their membership / code.

(c) PF code number issued by the appropriate Govt. Authority or exemption certificate from the concerned authority or a declaration in stamped paper that provisions of the PF Act are not applicable to him / them and in case the PF is to be deposited later on, the same will be deposited by the bidder.

(d) PAN and VAT Registration number.

(e) Documentary evidence in support of sound financial standing and Bank Account number from any Nationalized Bank.

(f) Ownership in their own name / firm OR must produce an undertaking / affidavit from the owners for providing services of the following minimum numbers of equipment for satisfactory completion of location preparation jobs on stamped paper –

- |      |                         |                 |
|------|-------------------------|-----------------|
| (i)  | Concrete mixing machine | One (01) number |
| (ii) | Sump pump               | One (01) number |

(g) All the certificates and documentary evidences submitted in support of paragraph 4.0(a), 4.0(b), 4.0(c), 4.0(d), 4.0(e), 4.0(f) above should be clearly legible and duly attested by gazetted officer along with official seal. This will be applicable for all contractors / firms including OIL Registered contractors. **Illegible / Incomplete certificates or documents will not be considered for evaluation.**

(h) Company has the right to check the original certificates / documents at any point of time if desired and the required documents should be produced for authentication.

#### 5.0 **Note:**

(a) “**Similar work**” mentioned in Para-4.0(a) above means the following:

(i) Construction of RCC foundations, RCC buildings, Boundary walls, Bridges

(b) Documentary evidences of job experiences as stated above should be in the form of Completion Certificate(s) and should be supported with respective attested photocopies of Letter of Intent / LOA / Work-Order / Notice to Proceed with Work.

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

#### 6.0 **Ernest Money**

All tenderers shall deposit the requisite EARNEST MONEY of Rs.25.000.00 (Rupees Twenty five thousand only) along with the Un-priced Techno-Contractual part of the Tender Document in the form of Demand Draft / Banker's Cheque / Bank Guarantee in favour of Oil India Limited and payable at Duliajan. Earnest money can also be deposited in cash in favour of Oil India Limited directly in UBI / UCO / SBI / ALLAHABAD / CANARA Banks (Duliajan Branch) and proof of such deposit must be furnished along with the aforesaid tender document. Oil registered “A” class contractors need not deposit Earnest money. This Earnest money shall be refunded to all unsuccessful tenderers, but is liable to be forfeited in full or part, at Company's discretion as per clause below.

**Tenders received without earnest money or inadequate amount or not in the manner specified above will be summarily rejected**

7.0 Before submission of bids, the tenderer is advised to inspect the work site with permission from Head (Civil) or his representative, to assess the nature and extent of work and the conditions under which it will be carried out. He may also seek such clarification from this office as are deemed necessary.

8.0 No bidder shall withdraw the tender after its public opening. Any such withdrawal will make the tenderer liable to forfeit his Earnest Money in full and be debarred from further tendering at the sole discretion of the Company and the period of debarment in no case shall be less than 6 (six) months.

9.0 The tender must be valid for 180 (One Hundred and Eighty) days from the date of opening of the Techno-Contractual Bid.

10.0 Conditional tenders are liable for rejection at the sole discretion of the Company.

11.1 The bidders should quote their rates against individual items. The rates shall be quoted within (+/-) 10% on the internal estimate against individual items as specified in Schedule of Works(Part-II) subject to the limit of overall percentage from (-10%) to at par of the internal estimated contract cost. However the bids with overall percentage quoted at below (-10%) and above the internal estimated cost will be rejected outright. The rates shall be in figures as well as in words. No overwriting shall be allowed, but all corrections must be inserted in the blank space above the figure / word and must be initialed. In case of discrepancy, the rates quoted in words shall be considered. In case of any identical situation, the L-1 bidder will be decided through draw of lots.

12.0 **Time Schedule**

The time allowed for completing the work will be twenty four (24) months 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.

13.0 **Security Deposit**

The successful bidder(s), except OIL registered contractors, shall deposit the requisite Security Deposit @ 2.50% of the Contract price in the form of Demand Draft / Banker's Cheque / Bank Gurantee in favour of Oil India Limited and payable at Duliajan before signing the formal Contract Agreement. The Security deposit shall be refunded to the contractor after satisfactory completion of the work, but part of whole of which shall be used by the Company in realization of LD or claims, if any, or for adjustment of compensation due to the Company for any reason. The Security Money shall not earn any interest.

14.1 **Submission of Bids**

The offer (both Part-A and B) containing the Tender, marked at the top with the above Tender Number and description of work, name and address of the tenderer and addressed to the HEAD – CONTRACTS, OIL INDIA LIMITED, P.O.DULIAJAN-786602 shall be submitted by 12.45 hours (IST) on 13<sup>th</sup> August' 2009 **in separate sealed envelopes, duly super scribed:**

PART-A: Un-priced Techno – Contractual Bid (With Earnest Money as specified in Para-6.0)

PART-B: Price Bid – “Do not open with Part – A”.

**Price bid receives in an open manner together with the Un-priced Techno-contractual bid and without superscription of the name / address of the tenderer will be rejected outright.**

14.2 Tenders can be dropped in the tender box placed at the Office of the HEAD CONTRACTS or can be sent by registered post addressed to – HEAD – CONTRACTS, OIL INDIA LIMITED. Contracts Department, Duliajan – 786602 so as to, reach his office before scheduled closing date and time. The Company will not be responsible for any postal delay or non-receipt

#### 15.0 **Opening of Bids**

Part – A of the Bid(s) shall be opened at 13.00 hours (IST) on 13<sup>th</sup> August' 2009 in the presence of the attending bidder or their authorized representative.

Part – B of the Bid(s) of the Techno-commercially qualified bidder(s) shall be opened at a latter date with due information to the qualified bidder.

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

17.0 The amount of retention money shall be released after six (06) months from the date of issue of completion certificate by the concerned department.

18.0 OIL INDIA LIMITED reserves the right to accept or reject any or all tenders in part or in total without assigning any reasons.

19.0 Bidder(s) must also furnish the followings:

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

**HEAD (CONTRACTS)**  
**For RESIDENT CHIEF EXECUTIVE**

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

## WORKS CONTRACT

DCC3855P10

## DESCRIPTION OF WORK/SERVICE :-

CONSTRUCTION OF NEW OFFICE BUILDING FOR FIELD ENGINEERING DEPTT AT INDUSTRIAL AREA INCLUDING SUPPLY OF ALL MATERIALS EXCEPT CEMENT.

PART -I CONDITIONS OF CONTRACT

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

WITNESSETH :-

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

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

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

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

ii) Contractor shall have to produce necessary cash memos towards forest produce used against the contract to Head(Civil) 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.

3. The Company's Engineer shall have power to:

a) Reduce the rates at which payments shall be made if the quality of work although acceptable is not upto 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 who he (The Engineer) considers incompetent or unsuitable; the Engineer's opinion as to the competence and suitability of any workman engaged by the Contractor shall be final and binding on the Contractor.

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

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

4. The Contractor shall have no claim against the company in respect of any work which may be withdrawn but only for work actually completed under this contract. During the actual execution of the contract, if any, additional items (deviated items) are required, which are not covered in the tender, payments of such items shall be made at the current OIL schedule of rates. In case of positive variation in quantity of any item from the quantity mentioned in the schedule of work during the actual execution of work, the Contractor will have to carryout the positive varied quantity at the contract rate, or Internally estimated rate, whichever is lower.

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

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

- i) The Mines Act.
- ii) The Minimum Wages Act, 1948.
- iii) The Workman's Compensation Act, 1923.
- iv) The Payment of wages Act, 1963.
- v) The Payment of Bonus Act, 1965.
- vi) The Contract Labour (Regulation & Abolition) Act, 1970 and the rules framed thereunder.
- 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) AGST Act.
- xi) Service Tax Act.

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

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

8. The Contractor must complete the work within 104 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 p.c ) per week of the contract price of the item(s) delayed in completion and the maximum value

of the liquidated damage will be 15% (fifteen p.c) 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 15% (fifteen percent) of total contract cost.

The Head(Civil)'s certificate as to the criticality or otherwise of an item shall be final.

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

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

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

10. The tendered all-inclusive Price (i.e. the Contract price) is Rs. \_\_\_\_\_  
(Rupees \_\_\_\_\_

\_\_\_\_\_ 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, upto the amount of 90% (ninty percent) of the value of work done. Final payment will be made only after satisfactory completion of the work . Such final payment shall be based on the work actually done allowing for deviations and any deductions and the measurement shall be checked and certified correct by the Company's Engineer before any such final payment is made.

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

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

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

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

15. The Contractor shall ensure that all men engaged by him/her are provided with appropriate protective clothing and safety wear in accordance with regulation 89(a) and 89(b) in the Oil mines Regulations 1984. The Company's representative shall not allow/accept those men who are not provided with the same.

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

17. The Contractor shall deploy local persons in all works.

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

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

20. Special Conditions

a) The amount of retention money shall be released after 6(six) months from the date of issue of completion certificate from concerned department.

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

c) Contractor(s) whosoever is liable to be covered under the P.F. Act and contract cost is inclusive of P.F., must ensure strict compliance of provisions of 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. 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 12% P.F. Contribution on wage component.

d) In case P.F. is not included in the contract cost and later on required to be deposited by the Contractor, the same will be reimbursed on production of documentary evidence of depositing the same to the authority concerned. 12% P.F. will be applicable on the wage component of the contract cost.

Based on contractor's declaration regarding P.F. & Wage component in last page of part-II, the same will be incorporated in the contract.

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 day's 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) The Contractor shall obtain labour clearance within 7(seven) days of signing the Contract.

n) 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.

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

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

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

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

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

t) 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.

u) The program of works to be submitted in the form of Bar Chart within 3 days of receipt of work order. work. twice in a week for necessary technical guidance and advices from Engineer- in-charge or site-in-charge.

21. SPECIAL INSTRUCTION

The contractor must quote considering the prevailing minimum Labour wage rate for each day of work. The Contract cost is based on minimum wage of 0.00 ( ).

22. ARBITRATION :

Any dispute under this contract will be settled through Arbitration as per Indian Arbitration and Conciliation Act, 1996.

Place of Arbitration : DULIAJAN .

23. FORCE MAJEURE :

Force Majeure (exemption) Clause of the International Chamber of Commerce (ICC Publication No. 421) is hereby incorporated in this contract.

24. LB. 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.

25. 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.

IN WITNESS whereof the parties hereunto set their hands seals the day and year first written above :-

SIGNED & DELIVERED FOR AND ON BEHALF OF

-----  
(Signature of Contractor or his legal Attorney)

-----

----- by the hand

-----  
(Full Name of Signatory)

of -----  
its Partner/Legal Attorney

-----  
(Seal of Contractor's Firm)

And in presence of

-----

Date : \_\_\_\_\_

SIGNED & DELIVERED FOR & ON  
BEHALF OF OIL INDIA LIMITED

Date\_\_\_\_\_

-----  
(Signature of witness)

-----  
(Full Name of Signatory)

Address:

-----

-----  
(Signature of Acceptor)

Designation \_\_\_\_\_

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

Tender No. DCC3855P10

Part II - Schedule of Work, Unit, Quantities, Rates and Prices.

Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
GROUP A						
SECTION A						
Labour supervision and related transport wherever applicable						
10	Earth cutting for foundation trenches, depth & lift not exceeding one metre including trimming sides, dressing & leveling the bottom surface, disposal of spoil upto 30m and bailing out water where necessary in ordinary earth.	Cubic meter	416.000	43.72		
20	Extra over item no.10 above for every additional 30cm depth / lift or part thereof of earth cutting beyond the first one metre but additional depth upto two metres only.	Cubic meter	172.000	5.94		
30	Excavating trenches in ordinary soil for laying soil lines / pipes etc. upto 1m deep, bottom properly graded, levelled to required gradient with light ramming & bailing out water where necessary and depositing soil as directed.	Cubic meter	12.000	39.70		
40	Earth filling in 150 mm layers, consolidating each layer by ramming and watering using earth previously cut from a distance upto 30m away with lift, if any, not exceeding 2m.	Cubic meter	415.000	43.15		
50	Refilling trenches for soil/pipe lines,	Cubic meter	12.000	28.16		
Contractor			1			Company

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
60	consolidating by ramming using previously cut earth from distance upto 30m away. Dressing & levelling the ground surface including removing grass & undergrowth with necessary cutting & filling earth, if any, upto 150mm. depth including disposal of rubbish, lead upto 50 m outside of periphery in all kinds of soils.	Square meter	365.000	3.56		
70	Collecting / excavating sand, soil, silt, ordinary earth from any source, load into lorries, transport it to distant place of work including procuring earth and laying in layer of 150mm thickness and dry ramming, profile properly made for taking measurement, including all measurable lead upto 30m and lift as required. (The contractor shall be responsible for all formalities of supply of earth such as purchase of land including royalties, monopoly / other statutory taxes as required from any distance.)	Cubic meter	114.000	142.94		
80	Cement concrete work ( hand mixed) in foundation, floor, sill and D.P.C. including screening of aggregates (stones or brick),	Cubic meter	56.000	1,678.48		

Contractor

2

Company

OIL INDIA LIMITED  
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Part II - Schedule of Work, Unit, Quantities, Rates and Prices.

Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
90	mixing, laying and ramming (any proportion of mix) and including casting floors in panels, where required and as directed and including curing for quantities not exceeding one cubic metre. (Shuttering will be paid extra). Cement concrete work ( hand mixed)with 3% CICO in foundation, floor, sill and D.P.C. including screening of aggregates (stones or brick), mixing, laying and ramming (any proportion of mix) and including casting floors in panels, where required and as directed and including curing for quantities not exceeding one cubic metre. (Shuttering will be paid extra).	Cubic meter	0.330	1,748.39		
100	ement concrete work (hand mixed) in R.C.C. upto a height / depth of 4.00m from G.L. excluding shuttering & reinforcement including provision of all scaffolding for lift involved and including curing. Quantity exceeding one cubic metre but less than five cubic metre.	Cubic meter	176.000	1,624.39		
110	Cement concrete work done by machine mixing (Mixture Machine and	Cubic meter	51.000	1,493.05		

Contractor

3

Company

OIL INDIA LIMITED  
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Part II - Schedule of Work, Unit, Quantities, Rates and Prices.

Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
120	Vibrator Supplied by Contractor, including operator and POL). in R.C.C. upto a height / depth of 4.00m from G.L. excluding shuttering & reinforcement including provision of all scaffolding for lift involved and including curing. Quantity exceeding one cubic metre but less than five cubic metre. ement concrete work (hand mixed) in R.C.C. for height beyond 4.00m (beyond floor two level) and upto 8m (upto floor three level) (Manual mixing) excluding shuttering & reinforcement including provision of all scaffolding for lift involved and including curing. Quantity exceeding one cubic metre but less than five cubic metre.	Cubic meter	21.170	1,674.33		
130	Cement concrete work done by machine mixing (Mixture Machine and Vibrator Supplied by Contractor, including operator and POL). in R.C.C. upto a height / depth of 8.00m from 4.00 m. excluding shuttering & reinforcement including provision of all scaffolding for lift involved and including	Cubic meter	56.120	1,543.02		

Contractor

4

Company

OIL INDIA LIMITED  
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Tender No. DCC3855P10

Part II - Schedule of Work, Unit, Quantities, Rates and Prices.

Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
140	curing. Quantity exceeding one cubic metre but less than five cubic metre. ement concrete work (hand mixed) in R.C.C. for height beyond 8.00m (beyond floor three level) and upto 12m (Manual mixing)excluding shuttering & reinforcement including provision of all scaffolding for lift involved and including curing. Quantity exceeding one cubic metre but less than five cubic metre.	Cubic meter	6.000	1,742.14		
150	Dismantling cement concrete of weaker proportion (prop. Less than 1: 2 : 4) using hammer & chisel & carrying the dismantled concrete to places upto 15m away at any height.	Cubic meter	32.000	505.60		
160	Manufacture of manhole covers 1.15m dia and 75 mm thick, with cement concrete 1 cement : 2 sand : 4 graded stone chips of 20mm size including cutting, fixing & placing M.S. reinforcement or XPM sheets including provision for lifting arrangement, fixing & removal of shuttering, curing etc. complete	each	4.000	700.76		
170	Brick work in cement mortar with specified mix, for	Cubic meter	25.000	2,322.88		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
180	foundation and super structure, including necessary soaking of bricks, raking out joints and curing etc. complete for brick work upto plinth level from ground level. 115mm thick brick work in cement mortar above plinth level upto floor two level including raking out joints, making and removing scaffolding, staging or working platform, where necessary and curing as directed.	Square meter	296.000	273.36		
190	115mm thick brick work in cement mortar above plinth level beyond floor two level to floor three level(4 m to 8m) including raking out joints, making and removing scaffolding, staging or working platform, where necessary and curing as directed.	Square meter	240.000	282.41		
200	115mm thick brick work in cement mortar above plinth level beyond floor three level to floor four level(8 m to 12m) including raking out joints, making and removing scaffolding, staging or working platform, where necessary and curing as directed	Square meter	101.000	291.99		
210	13 mm thick cement plaster (In prop. 1 cement : 3 sand)	Square meter	254.200	68.64		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
220	trowelled smooth finished including making and removing of staging, working platform where necessary including curing and hacking old surface, rounding off corners etc. complete. 13mm thick cement plaster (In prop. 1 cement : 3 sand)	Square meter	248.000	82.21		
230	trowelled smooth finished including making and removing of staging, working platform where necessary including curing and hacking old surface, rounding off corners etc. complete for work beyond 4.00m upto 8.00m height. 13mm thick cement plaster (In prop. 1 cement : 3 sand)	Square meter	231.000	101.62		
240	trowelled smooth finished including making and removing of staging, working platform where necessary including curing and hacking old surface, rounding off corners etc. complete for work beyond 8.00m height. 6mm thick cement sand plaster of any prop sponge finished on all jobs including ceiling with staging where necessary and curing, hacking old surface, rounding off corners etc complete upto a height of 4.00m.	Square meter	514.000	41.58		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
250	6mm thick cement sand plaster of any prop sponge finished on all jobs including ceiling with staging where necessary and curing, hacking old surface, rounding off corners etc complete for work beyond 4.00m and upto 8m height.	Square meter	515.000	48.27		
260	13mm thick cement sand plaster of any prop. Sponge finished on all jobs including ceiling with staging where necessary and curing, hacking old surface, rounding off corners etc. complete upto a height of 4.00m.	Square meter	750.000	45.77		
270	13mm thick cement sand plaster of any prop. Sponge finished on all jobs including ceiling with staging where necessary and curing, hacking old surface, rounding off corners etc. complete upto a height beyond 4.00m to 8.00 m	Square meter	670.160	66.83		
280	13mm thick cement sand plaster of any prop. Sponge finished on all jobs including ceiling with staging where necessary and curing, hacking old surface, rounding off corners etc. complete upto a height beyond 8.00m to 12.00 m	Square meter	137.000	78.22		
290	Cement plastered skirting	Square meter	60.400	122.53		
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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
300	25mm thick in prop. 1:3 with plain / neat cement finish over whole area, including curing complete. Providing wood work in frames of doors, windows fixed in position with chemically treated Hollock wood.	Cubic meter	0.920	45,755.52		
310	Laying flat brick soling 75mm thick in panels after preparing the sub-grade on 25mm thick sand-bed including leveling the sand-bed, grouting, soling with cement mortar, local handling of bricks and curing complete.	Square meter	41.130	166.94		
320	Construction of standard junction box for double unit type latrine (minimum clear size 215mm length of both ends x 400mm length of one side and height equal to plinth height of the building) with 115 thick brick wall in cement mortar (In prop. 1 cement : 5 sand) with proper jointing to brick work in plinth of building and necessary C.C. work (1 cement : 3 sand : 6 stone chips) in the bottom for draining facilities and in the top surface of brick wall for holding slab and keeping	each	2.000	4,033.98		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
	proper inlet and outlet holes for soil lines including neat cement plaster (In prop. 1 cement : 3 sand) both inside and outside with provision of minimum 50mm thick R.C.C. (1 cement : 2 sand : 4 stone chips) slab cover (minimum size 325mm x 450mm) using XPM or IRC sheet including straightening, cutting, placing in position of XPM / IRC sheet and placing the already cast slab cover in grooves at the top surface of brick work for single unit type latrine including fitting vent pipe with necessary clamps etc. including curing complete in all respects.					
330	Laying pre-cast C.C. manhole cover (0.75m to 1.15m dia.) including carriage upto 30m from the place of laying, preparation of surface and repairing defects if any.	Square meter	7.100	38.26		
340	Cutting 75mm to 100mm square hole through 230mm thick brick wall using chisel and hammer upto 1.50m height for crossing electric wiring, gas or water line etc. and making good with cement mortar after the pipe is	Each Hole	6.000	26.39		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
350	laid. Cutting 75mm to 100mm square hole , but through 115mm thick brick wall up to 1.50m heightfor crossing electric wiring, gas or water line etc. and making good with cement mortar after the pipe is laid..	Each Hole	10.000	17.59		
360	Cutting 75mm to 100mm square hole , but through 115mm thick brick wall beyond 1.50m and upto 4.00m height. for crossing electric wiring, gas or water line etc. and making good with cement mortar after the pipe is laid..	Each Hole	10.000	21.31		
370	Dismantling cement brick work upto 1.50m (or part thereof) height and clearing site, stacking dismantled materials within 30m including making required staging / working platform.	Cubic meter	0.500	198.08		
380	Erecting C.I. sheet roof or wall on plane apex or Arch roof (straight work) by screw and bitumen washer etc. complete as directed including cutting of sheets where necessary.(upto 8.00m height) on steel purlins (with 'J' and pipe hooks, bitumen washer etc), holes punched from	Square meter	43.000	631.08		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
390	inside. Providing and laying ceramic glazed floor tiles 300mmx300mm of 1st quality conforming to IS: 15622 of approved make on 20 mm thk bed of cement mortar 1:4 including pointing the joints with white cement and matching pigments etc. complete.	Square meter	22.000	839.37		
400	Providing and laying ceramic glazed wall tiles of 1st quality conforming to IS: 15622 of approved make on 12 mm thk bed of cement mortar 1:3 in skirting/risers of step and dados including pointing the joints with white cement and matching pigments etc. complete.	Square meter	97.000	731.04		
410	Dressed timber work by thoroughly dressing / planning both sides of timber and edges, making joints by grooving and nailing, screwing and fixing in required size for making timber hand rail (1m height) with moulded top complete.	Meter	30.800	198.72		
420	Providing and fixing ISI marked double leaf flush door shutters conforming to IS:2202(Part I) decorative type, core of block board	Square meter	5.000	2,151.31		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
430	<p>construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains and cross bands and face veneers on both sides of shutters- 35 mm thick including ISI marked steel but hinges with necessary screws.</p> <p>Providing and fixing ISI marked single leaf flush door shutters conforming to IS:2202(Part I) decorative type, core of block board</p>	Square meter	28.000	2,151.31		
440	<p>construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains and cross bands and face veneers on both sides of shutters- 35 mm thick including ISI marked steel but hinges with necessary screws.</p> <p>Providing and fixing ISI marked single leaf flush door shutters conforming to IS:2202(Part I) decorative type, core of block board</p>	Square meter	3.300	2,066.56		
	<p>construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains and cross bands and face veneers on both sides of shutters- 30 mm thick including ISI marked</p>					

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
450	steel but hinges with necessary screws. Providing and fixing ISI marked single leaf 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 and cross bands and face veneers on both sides of shutters- 25 mm thick including ISI marked steel but hinges with necessary screws.	Square meter	9.000	1,923.77		
460	Fixing Mortice lock to new timber shutters or fixing in new position on existing shutters.	each	17.000	1,066.74		
470	Fixing Aldrop to new timber shutters or fixing in new position on existing shutters.	each	2.000	222.01		
480	Providing and fixing 18 mm thk ,150 mm wide pelmet of coir veneer board ISI marked IS: 14842 - 2000 including top cover of 6 mm coir veneer board , nickel plated MS pipe 20 mm dia( heavy type) curtain rod all complete.	Meter	96.000	451.36		
490	Making, fixing and striking timber shuttering for concrete work except for D.P.C. and floor panel.	Square meter	720.000	159.93		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
500	Job including fixing bracing and necessary props, runners and base supports as per instructions etc. All bracing, runners, base supports and props are part of contractor's accessories for which no separate payment will be made, (but shuttering planks will be paid separately) including supply of wire nails etc. Making, fixing and striking timber shuttering for concrete work except for D.P.C. and floor panel. Job including fixing bracing and necessary props, runners and base supports as per instructions etc. All bracing, runners, base supports and props are part of contractor's accessories for which no separate payment will be made, (but shuttering planks will be paid separately) including supply of wire nails etc.	Square meter	891.000	167.87		
510	, but with strong bracing. "Straightening, cleaning, cutting and bending to proper shape and length reinforcement bars for R.C.C. work and placing in proper position as per	Kilogram MS / TS	33,778.000	60.59		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
520	<p>details by binding with 20G annealed black wire with cover blocks, supports, chairs, spacers etc. ready for laying concrete as directed including making and placing of C.C. blocks."</p> <p>Erecting fabricated light steel work (RSJ channel angles etc. weight not exceeding 15 Kg per metre length ) all bolted connections upto 8.00m height by using chain pulley block, (gin pole and other equipments to be supplied by contractor) including lifting of materials and staging as required</p>	Kilogram	451.470	67.67		
530	<p>Wire brushing, scrapping, brooming, cleaning, removing all dust, dirt, mortar drops, loose materials etc. from the surface of steel work and applying two coats of paint over steel work at any height to give an even shade. Surface shall be free from grease, efflorescence and these should be removed prior to painting.</p>	Square meter	2.000	48.55		
540	<p>White washing on wall / ceiling, one coat at any height to give an even shade including thoroughly brooming and cleaning the</p>	Square meter	818.240	4.02		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
550	surface to remove all dust, dirt, mortar drops, foreign materials etc. (One coat consists of white washing the surface in one direction and then leaving the surface to dry and applying the white washing in right angle to previous direction to get one even shade). Distemping / emulsion painting, one coat by using hand brush without leaving any brush mark, including necessary brooming, cleaning, sand papering lightly as necessary on existing surface at any height as directed (one coat of painting consists painting the surface in one direction and then left the wall for drying up and applying paint in right angle to previous direction to get an even shade).	Square meter	1,761.000	38.40		
560	Varnishing timber-work including preparing surface (i.e. sand papering, filling holes with putty etc.) two coats to give an even shade at any height	Cubic meter	122.220	74.17		
570	Applying one coat of approved primer including preparation of surface by	Square meter	1,761.000	25.11		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
580	thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering etc. complete at any height Applying two coats of paint over steel work of roof trusses, ceiling, underside of roof of high building, upto 8.00m high to get an even shade including wire brushing, scrapping, brooming, cleaning, removing all dust, dirt, loose foreign materials from the surface (scaffolding to be provided by the contractor) with no extra payment.	Square meter	20.150	74.90		
590	Finishing exterior wall with Acrylic smooth exterior paint of required shade of approved brand & manufacturer including base coat of water proofing cement paint	Square meter	818.240	73.58		
600	Supplying, fixing approved quality water closet(Orissa type) with 'P' or 'S' trap , 10 L low level white PVC flushing cistern with manually controlled device conforming to IS:7231 with all fittings and fixtures complete including cutting and making good to the walls and floor.	Set	2.000	3,331.94		
610	Providing and fixing white vitreous china pedestal type	Set	2.000	3,109.80		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
620	water closet(European type W.C) with seat and lid., 10 l low level white PVC flushing cistern 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 Laying, fitting and fixing 25mm dia. galvd. steel pipe including fitting, fixing and making threading of pipes where required and fitting, fixing valves line fitting etc. as directed for permanent work including testing of pipe line complete.	Meter	30.000	229.00		
630	Laying, jointing of approved quality PVC pipe of 100mm to 150mm diameter in trenches, maintaining proper slope and alignments as per drawing, specification and direction including jointing of pipes with spun yarn soaked in CEMENT SLURRY & cement mortar 1:2 complete. (Quantity of earthwork will be measured and paid separately).	Meter	11.000	519.25		
640	Making and fitting of PVC waste pipe of any dia. for	Meter	39.000	190.53		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
650	hand wash basin, sink, urinal pan etc. for exposed line and refitting including cutting and making good to the walls and floor where necessary complete as directed including joining with outlet connection and removing all unserviceable materials from site. Providing and fixing wash basin with CI brackets, 15 mm CP pillar taps, 32 mm CP waste of standard pattern, including painting of fittings and brackets, cutting and making good to the walls wherever require- white vitreous China Wash Basin size 6301x450mm with a single 15 mm CP brass pillar taps	Set	4.000	1,738.06		
660	Providing and fixing Stainless steel A ISI 304 (18/8) kitchen sink as per IS 13983 with CI brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required. (510x1040mm bowl depth 200mm)	Set	1.000	7,612.29		
670	Fitting and fixing white vitreous China half stall type urinal with 5 litre white PVC automatic	Set	3.000	2,930.88		
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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
680	flushing cistern including fitting and fixing necessary waste pipe, CP brass speaders with brass unions and GI clamps complete and cutting and making good to the damages of walls where required complete as directed. Providing and fixing single white vitreous China squatting plate with 5 litre PVC flushing cistern with all fittings standard size GI flush pipe for back and front flush with standard spreader pipes with fittings, GI clamps and CP brass coupling including painting of fittings and cutting and making good the walls and floors etc.	Set	2.000	3,459.62		
690	Laying, fitting and fixing 15mm dia. galvd. steel pipe including fitting, fixing and making threading of pipes where required and fitting, fixing valves line fitting etc. as directed for permanent work including testing of pipe line complete.	Meter	38.000	154.54		
700	Laying, fitting and fixing 15mm dia. galvd. / black steel pipe including fitting, fixing and making threading of pipes where required and	Meter	3.500	78.85		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
710	fitting, fixing valves line fitting etc. as directed for permanent work including testing of pipe line complete. Laying, fitting and fixing 8mm dia. galvd. / black steel pipe including fitting, fixing and making threading of pipes where required and fitting, fixing valves line fitting etc. as directed for permanent work including testing of pipe line complete.	Meter	2.000	66.21		
720	Fitting and fixing C.P. and water tap / pillar cock in supply point of approved brand conforming to IS 8931 of nominal bore 15 mm.	Set	9.000	302.22		
730	Fitting and fixing gas burner including fixing valve, bend, nipple, etc. complete	Set	2.000	1,801.02		
740	Cement brick work (in prop. 1 cement : 6 sand) for trapezoidal section drain of top width 525mm x bottom width 225mm x 150mm height, bricks laid flat over 25mm thick bedding (1 cement : 8 sand) and 13mm thick neat finish on inside plaster (1 cement : 3 sand) and in top edges curving, rounding etc. including necessary excavation to required size,	Meter	50.000	191.69		

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750	<p>750 dressing, grading, ramming and levelling and curing complete. Collecting all kinds of materials from Company's godown or any other company's restricted area, load into trucks and transport it to distant place of work site not more than 5.00 Km away, off load at the place of delivery. (The contractor shall be responsible for all types of formalities to collect formal entry pass to enter inside the restricted area as well as exit from the same area.)</p>	Tonne per Kilometre	368.000	25.55		
760	<p>760 Providing , fitting and fixing anodised aluminium sliding windows and ventilators of standard sections without horizontal glazing bars, joints mitred and welded (manufactured to relevant IS specificatios) and providing and fixing handles, angle cleat,, rubber gasket, roller ,bolting device,locking arrangements, screws etc with 6mm coloured glasses as required complete as specified and directed for all levels</p>	Square meter	96.000	3,985.24		
770	<p>770 Construction of 50 users septic tank as per OIL</p>	each	1.000	18,016.40		

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780	approved drg. Providing and fixing CP brass stop cock of standard design and of	each	12.000	383.32		
790	approved make conforming to IS 8931, 15 mm nominal bore. Providing and fixing 600x450 mm beveled edge mirror of superior glass(approved quality) complete with 6 mm thk hard board ground fixed to wooden cleats with CP brass screws and washers complete.	each	4.000	720.73		
800	Providing and fixing stainless steel rectangular soap dish of approved brand	each	5.000	248.80		
810	Providing and fixing PTMT towel rail 600 mm long complete with brackets fixed to wooden cleats with CP brass screws with fitting arrangement of approved quality	each	5.000	430.19		
820	Providing and fixing aluminium tower bolt of 8" long of ISI marked with necessary screws etc complete.	each	38.000	75.92		
830	Providing and fixing aluminium tower bolt of 6" (150mm) long of ISI marked with necessary screws etc complete	each	12.000	62.42		
840	Providing and fixing aluminium door handle of 6" (150mm) long of ISI marked with necessary screws etc complete	each	12.000	71.25		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
850	Making and fixing fan hook by bending 12 mm MS rod	each	17.000	60.59		
Total of SECTION A Rs. _____						
<b>SECTION b</b>						
Supply of all material at site of work including all royalties and other charges being borne by the contractor						
10	Point wiring from SB to light point/fan point/exhaust fan/call bell point using 1.5sq mm PVC insulated, 1100v, fire retardant, ISI, FIA, TAC approved, single core, flexible copper conductor cable (3x1.5 sq mm) for Phase, Neutral and Earth wire in surface/recessed, medium grade fire retardant, ISI approved PVC conduit.	each	90.000	370.00		
20	Socket wiring with 1.5sq.mm, 1100v, fire retardant, PVC insulated, ISI, TAC, FIA approved, flexible copper conductor, single core cable (3x1.5 sq mm) for Phase, Neutral and Earth wire in surface/recessed, medium grade, fire retardant, ISI approved PVC conduit.	Meter	300.000	75.00		
30	Circuit Wiring with 2.5sq mm, 1100v, fire retardant, PVC insulated, ISI, TAC, FIA approved, flexible copper conductor, single core cable (3x2.5 sq mm) for Phase, Neutral and Earth wire in surface/recessed, medium	Meter	500.000	85.00		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
40	grade, fire retardant, ISI approved PVC conduit. Power Wiring with 4.0 sq mm, 1100v, fire retardant, PVC insulated, ISI, TAC, FIA approved, flexible copper conductor, single core cable (3x4.0 sq mm) for Phase, Neutral and Earth wire in surface/recessed medium	Meter	700.000	105.00		
50	grade, fire retardant, ISI approved PVC conduit. Supplying, fixing, testing and commissioning of Phillips make TCS 398/2X36W HPF D6, Luminaire complete with VPI copper Ballast, PF improvement capacitor, starter, wired upto TB and complete with two nos 36 w FT lamps.	each	40.000	3,000.00		
60	Supplying, fixing, testing and commissioning of Phillips make Type TMC 501/136 HPF fluorescent tubelight fitting complete with VPI ballast, condenser, wiring and all accessories and one no. 36w FT lamp.(For use in toilets, corridors, staircases)	each	22.000	700.00		
70	Supplying, fixing, testing and commissioning of Phillips make 1x18w TMS 21/118 Luminaire complete with VPI ballast, condenser,	each	4.000	540.00		

Contractor

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Company

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

Tender No. DCC3855P10

Part II - Schedule of Work, Unit, Quantities, Rates and Prices.

Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
80	wiring and all accessories and one no. 18W FT lamp.(FOR USE IN TOILETS) Supply, fixing & suspension of two nos. of ball/socket type ceiling mounted fixture with box two nos. of down rods for suspending tube light fitting and painting of rod. Each down rod of 30 cm length, 19mm dia, & 16 gauge thickness & fitted with two nos. of nuts.for suspending tubelight fitting.	each	60.000	130.00		
90	Extra down rod for light fitting. Size 19mm dia, & 16 gauge thickness duly painted	each	3,000.000	1.00		
100	Supply, installation, testing and commissioning of ISI approved AC ceiling fan 1400 mm sweep, 220/ 250volts, 50Hz complete with clamp, 300mm long down rod, metallic blades, canopy, rubber shackle, copper twin core cable for connection. (Bajaj Energy Smart, Havell's ES 50 or Similar Fan as approved by Engineer In charge)	each	22.000	2,000.00		
110	Supply, installation by fixing the frame ring with MS grouting bolts on wall, testing and commissioning of ISI approved Exhaust Fan 300mm sweep,	each	4.000	1,500.00		

Contractor

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Company

OIL INDIA LIMITED  
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Part II - Schedule of Work, Unit, Quantities, Rates and Prices.

Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
120	<p>900 rpm, 240 volts, 50Hz, low noise, heavy duty, metallic construction, complete with frame and connecting wires. (Make and type approved by Engineer In charge)</p> <p>Supply, installation, testing &amp; commissioning of surface mounted 12 way, 415 v TPN MCB DB as per IS-8623 &amp; complete with 100 Amp copper busbar, neutral bar, earth bar and cable ties of 16sqmm, PVC insulated, single core stranded copper wire for cable management. The neutral &amp; earthing bar to be suitable for termination with pin type lugs. Top and bottom removable gland plates with knockouts. The DB will have Four Pole RCBO, 415v, 63 amp rated, 300mA sensitivity, 10kA breaking capacity as incomer. The DB will have 6 amp, 10amp &amp; 20amp, C curve, 10kA breaking, SP, MCBs (Total 36 nos. but actual quantity for each rating as per circuit requirement and as decided by Engineer In charge) as outgoings. The RCBO &amp; MCBs should have fire retardant DMC based housing, class-2</p>	each	4.000	12,000.00		

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Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
130	tropicalisation & approved by ISI or IEC. DB Enclosure- IP42 with double door. Make- Legrand or Merlin-Gerin/ Siemens Supply, installation and wiring of Single pole Switch 6A SP (W26401A MK Make)	each	152.000	95.00		
140	Supply, installation and wiring of Single pole Switch 16A SP (W26411A MK Make)	each	34.000	146.00		
150	Supply, installation and wiring of Socket 16A (W26424 MK Make)	each	34.000	221.00		
160	Supply, installation and wiring of Socket 6A(W26420 MK Make)	each	62.000	150.00		
170	Supply, installation and wiring of 6-8 module boxes (W26048 MK Make)	each	30.000	89.00		
180	Supply, installation and wiring of 4-5 module boxes (W26045 MK Make)	each	34.000	56.00		
190	Supply, installation and wiring of 3 module boxes (W26043 MK Make)	each	50.000	40.00		
200	Supply, installation and wiring of 8 module front plates (W26008 MK Make)	each	30.000	196.00		
210	Supply, installation and wiring of 4 module front plates (W26004 MK Make)	each	34.000	93.00		
220	Supply, installation and wiring of 3 module front plates (W26003 MK Make)	each	30.000	82.00		

Contractor

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Company

OIL INDIA LIMITED  
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Contracts, Duliajan

Tender No. DCC3855P10

Part II - Schedule of Work, Unit, Quantities, Rates and Prices.

Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
230	Supply, installation and wiring of Fan Regulator 120W (W 26470 MK Make	each	22.000	450.00		
240	Supply, installation and wiring of Blank Plate (W26441 MK Make)	each	20.000	14.00		
250	Supply installation of Junction box for each switchboard complete with connectors crimping lugs Material PVC, Presto Plast make	each	20.000	120.00		

Total of SECTION b Rs. \_\_\_\_\_

Total of GROUP A Rs. \_\_\_\_\_

N.B.-Company's rate include 8.8% AGST & Labour rates based on minimum labour wage of 0.00

OIL INDIA LIMITED  
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Tender No. DCC3855P10

Part II - Schedule of Work, Unit, Quantities, Rates and Prices.

Service Line No.	Description of Works	Unit	Qty	Internal Rates per unit (Rs)	Contractor's quoted Rates per unit (Figs & Words) (Rs)	Amount (Rs)
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Total of all Groups Rs. \_\_\_\_\_

Bidders are requested to fill up the following :

- 1) Whether 12% P.F. on the wage component is included in the total quoted cost \_\_\_\_\_ - Included / Not included
- 2) Wage component for Civil Part is \_\_\_\_\_ % and for Electrical Part is \_\_\_\_\_ %.
- 3) The Contractor must quote considering the prevailing minimum labour wage rate for each day of work as Rs. 0.00 only.

Note : The above two information will have to furnished by the bidder. In case of non-furnishing the same, the tender(s) will be evaluated as mentioned below :-

(a) If information against (1) is furnished in an ambiguous manner (i.e. both the options are ticked/cut or in any other manner) or not furnished, such tenders will be evaluated after loading 12% P.F. on the declared wage component of the bidder(s).

(b) If information against (2) is not furnished, such tender(s) will be evaluated considering the wage component as per wage component of \_\_\_\_\_ % on Civil part & \_\_\_\_\_ % on Electrical Part.

(c) The bids will be evaluated/compared after loading 12% P.F. on the declared wage components, wherever applicable.

(d) Offers not furnished in the above format as per instruction given shall summarily be rejected.

OIL INDIA LIMITED  
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Contracts, Duliajan

**WORKS CONTRACT**

Particular Specifications and Instructions

Tender No.: DCC3855P10

**A. SCOPE OF WORK:-**

1.0 (a) **SITE CLEARANCE:** Felling of trees, uprooting tree stumps as and when required, dressing & levelling up to the required depth before starting of the job and removal of all debris from the site after completion.

(b) **FOUNDATION:** Earth work in excavation including bailing out water if necessary to be done as per drawing. Details of foundation work are to be followed as shown in drawing.

2.0 **CEMENT CONCRETE/ REINFORCED CEMENT CONCRETE WORK:** All C.C. work in 1:3:6 proportion shall be done with 25 mm graded down broken stone. Broken stone shall be properly screened before use. All reinforced cement concrete work to be done in prop. 1:2:4 with 18mm down to 12mm graded down broken stone as per related drawings and instructions of site Engineer to be followed in case of any discrepancies. Proper vibration to be done as per IS recommendation. Floor panelling to be done in the line of expansion joint as directed by Engineer -in-charge.

3.0 **STEEL REINFORCEMENT:** Steel reinforcement shall conform to IS:432 for mild steel grade and for tor steel grade Fe 415 conforming to IS:1786-1979. All reinforcement shall be placed in position and bent as per drawing. 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

4.0 **BRICK WORK:** All brick work in cement mortar 1:5 with 1st class local bricks, the quality of which is to be approved by the Engineer-in-charge. Bricks are to be thoroughly cleaned, soaked in fresh water for a period of not less than 24 hours before use. A good bond shall be maintained both laterally and transversely. Vertical joints shall not exceed 10mm. No broken bricks shall be used except in closers. If shown or directed, 6mm M.S. bars to be projected 230mm on either side shall be lift from R.C.C. column and embedded in the mortar of brick work at every 4th course (protruding rod 6mm dia will be paid as reinforcement work separately.

5.0 **ROOFING AND STRUCTURAL MEMBER :** Tubular frame to be as per drawing including painting with red oxide zinc chromide paints of approved quality to all member as per drawing. All structural tubular shall conform to IS:1161-1979 and IS : 806-1968. All structural steel work shall conform to IS:800-1984. All hexagonal bolts and nuts conforming to IS:1363-1967. All welding to be approved before erection. Before applying one shop coat of painting the structure should be checked before erection. No joints in the structure shall be allowed unless approved by the authority. Proper care must be taken by the contractor in placing the fabricated trusses, purling etc. to complete the structural parts in the roof of the building at his own cost. Safety belts and all other safety measures to be taken by the contractor at his own cost while erecting the structure at high level. In any loss/damage caused to life during erection time/fabrication time, Contractor must be fully responsible for that loss of life.

**6.RENDERING:**

(a) 2 coats of distempering to all inside plastered surfaces.

(b) 2 coats of acrylic emulsion exterior paint to all outside plastered surfaces over one coat of priming.

(c) 2 coats of enamel paint steel works over 1 coat of red oxide zinc cromate primer

7.0 **MEASUREMENT & PAYMENT :** Payment for all works done shall be made on the basis of actual work done

as per the schedule of rates. For all extra work done on the 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.

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

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

Cement shall be stored in a weather proof shed, the floor of which shall be raised 300 mm clear from the ground and 450 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.

10.0 Water : Water shall be clear, clean and free from all harmful impurities which must be approved by the Engineer. Arrangement of water for concreting and other purpose shall be made by the contractor at his own cost. Water from excavation shall not be used for construction work and curing.

11.00 SPECIAL CONDITION:-

(i) Water for construction purpose is to be arranged by the Contractor at his own cost.

(ii) Contractor is to arrange for transportation of cement from Company's godown to work site at no extra cost.

(iii) All safety precautions should be taken by the Contractor during execution of the work.

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

(v) The Contractor shall have to work on rainy seasons also.

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

(vii) Efficient workmen to be engaged by the Contractor.

(viii) The Contractor's representative should report to Engineer-in-charge on all working day's at 7.00AM and 9.00AM for instruction.

(ix) 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.

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

(xi) The Contractor shall obtain labour clearance within seven day's of signing the contract.

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

(xiii) If needed, electricity will have to be arranged by the Contractor at his own cost.

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

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

(xvi) The Contractor will be required to work expeditiously

FOR ELECTRIFICATION :

ANNEXURE FOR ELECTRICAL WORKS

DETAIL SPECIFICATION OF ELECTRICAL WORKS:

**A. MATERIALS:****1. CONDUITS, CASING CAPPING & JUNCTION BOXES:**

All conduits, casing cappings should be of PVC/GI/MS, medium grade, approved by ISI & as specified in the BOQ. All accessories like coupler, bends etc are to be ISI approved and of make as approved by engineer in- charge. Accessories like couplers, bends etc are part of conduits, casing capping & no separate payment will be made for the accessories. Conduits or casing capping shall be used as specified in BOQ.

**2. SWITCH BOXES:**

MK Wraparoung model in white colour as described in BOQ.

**3. WIRING (SUB-MAIN, CIRCUIT & POINT WIRING):**

P.V.C. insulated, unsheathed, fire retardant, (FR) flexible copper conductor cables shall be used for all wiring from the distribution boards to the points and shall be laid in conduits. They shall be stranded copper conductors with thermoplastic insulation of 1100 volts grade. Colour code for wiring shall be followed. The wiring conductors shall be approved by IS-694 Part-II of 1964, TAC, FIA.

**4. SWITCHES AND SOCKET OUTLETS:**

All switches, sockets, regulators & switchboards shall be MK Wraparound model in white colour as per detail mentioned in the BOQ. The switches & fixtures shall be approved by engineer in- charge and as per BOQ.

**5. LIGHTING FIXTURE (INTERNAL):**

The lighting fixtures shall be of make and cat no. as specified and shown in the drawings and schedule of items or as approved by the Engineer-in-charge. The fluorescent fixture shall be complete with Conventional copper ballasts (as per BOQ), lamps, capacitors, lamp holders, and internal wiring. All such materials and equipments shall be suitably rated and tropic proof construction, mechanical strength with instant starting gear, high power factor, having circuit to avoid stroboscopic effect all confirming to Indian Standards.

**6. EARTHING:**

All earthing conductor shall be as per detail mentioned in BOQ & IS-3043.

**7. SWITCHBOARD DETAILS:**

Not applicable in this tender

**8. TPN MCB DBs:**

As per BOQ

**B. INSTALLATION OF ELECTRICAL WORKS:****1. CONDUIT, CASING CAPPING LAYING:**

The laying of conduits, casing capping shall be done in accordance with drawings. The contractor shall prepare detailed layout drawing showing Junction boxes etc., and obtain Engineer-in-charge approval before carrying out work on site. Provisions as mentioned in IE Rule, BIS and NEC code shall be followed for conduit and casing capping layout. In case of surface conduit or casing capping support shall be reqd at ever 300mm along the length.

**2. WIRING (SUB-MAIN, CIRCUIT & POINT WIRING):**

PVC insulated flexible copper conductor cables as per BOQ shall be used for all wiring from the distribution boards to the points and shall be pulled into conduits unless otherwise specified. No point wiring shall have looped neutral. No reduction of strands is permitted at terminations. Size of conduit and No. of wires to be pulled in conduit shall be as per IS/NEC. Min 20mm (Inside size) casing capping or 20 mm dia conduit, as per requirement given in BOB, shall be used for cables of each circuit. Higher size casing capping to be used in case cables of more than one circuit are to be laid together in same casing capping. Min 30 % free space shall be available in casing capping. SUITABLE SIZED ELECTRO TINNED COPPER CABLE LUGS ARE TO BE USED FOR TERMINATION AT SWITCHBOARDS, SOCKET OUTLETS & JUNCTION BOXES.

### 3. SWITCHES & SOCKETS OUTLETS:

Switches shall be connected on the live wire and controls of each circuit shall be continuous everywhere having no fuse or switch installed in the line excepting at the main panels and boards.

### 4. LIGHTING FIXTURES (INTERNAL):

Light fixture shall be fixed in a sturdy and safe manner as per best trade practice and according to the instructions of the manufacturers. Lighting fixtures which are recessed in the dropped ceiling shall be thoroughly matched and co-ordinate with the pattern and design of the dropped ceiling as shown in architectural drawings.

## C. SPECIAL CONDITIONS:

### 1. GENERAL

a) These special conditions of contract shall be read in conjunction with the general conditions of contract, schedule of items. Technical specification, Drawings and other documents relating to the works and shall have preference over laid down general conditions and specifications.

b) All electrical work shall be carried out in compliance with specifications in this Annexure and in compliance with Indian Standard Specifications, NEC and Indian Electricity Acts and Rules in force. The works shall also conform to any special requirement of local state electricity board and State Licensing Board. In any case, the above-mentioned rules, regulations etc. are not in accord. The decision of the Engineer-in-Charge regarding rules to be followed or manner of execution of work shall be final and binding. The work shall be executed, under the direct supervision of a electrical supervisor, holding valid certificate of competency issued by the State Government, Chief Electricity Inspectorate for the type of works involved, in conformity with the best methods of modern engineering practice and to the entire satisfaction of the Engineer-in-Charge. The electricians and supervisors engaged for the electrical works shall have valid electrical licence & experience in carrying out internal electrification work. Contractor shall submit the copy of licence of electrician and supervisor to Head (Electrical) and produce the original for verification before starting the job. The contractor has to submit the test report at various stages of completion and after completion as per requirement of the Engineer in charge.

c) The contractor shall provide all equipment, instruments, labour and such other assistance required by the Engineer-in-Charge for measurement of the work, materials etc.

### 2. MATERIALS

a) All materials, equipment, fittings and fixtures used in electrical works shall conform to the detail mentioned in annexure & BOQ. All material shall be new, soundly and robust in construction and well finished. Surplus material after completion of work shall be taken back by the contractor and the cost shall be recovered if the advance payment has been made earlier by the client.

b) Two numbers of samples of all materials, fittings and fixtures to be supplied by the contractor shall be submitted to the Head (Electrical) for his approval. One sample shall be retained by the Chief engineer (Electrical) and the other shall be returned back to the contractor after due approval. The contractor shall not commence the work until

the samples are approved in writing from the Chief Engineer (Electrical). The contractor shall ensure that all the materials incorporated in the work are identical in all respects with the approved sample. All samples shall be returned to the contractor after completion of contract.

c) All materials shall be procured from manufacturers or from authorised dealer and all relevant documents and test certificate and guarantee certificates to be provided by the contractor. All material shall be guaranteed for one year after completion of all works and commissioning. In case of failure of any item during guarantee period the same shall be replaced by the contractor within 15 days without any cost to OIL.

d) Any material proved to be of inferior quality or of counterfeit shall be replaced free of cost with the good quality/original material.

### 3. DRAWING:

a) The drawings, specifications and schedule of items shall be considered as a part of this contract. Any work or materials shown on the drawings but not included in the schedule of items or vice-versa, shall be executed as if specifically called for, in both without any additional cost. The contract drawings indicate the extent and general arrangement of various equipment and their wiring etc. and are essentially diagrammatic, however, any minor change if found essential to co-ordinate the installation of this work with other trades shall be made without any additional cost to the owner.

b) Layout drawings, schematic drawing, DB power distribution drawings and any other drawing required for execution of the job shall be submitted by the contractor 15 days before commencement of work for approval by Head (Electrical). Job shall start only after approval of drawings by Head (Electrical) in writing. All DBs, SB, Sockets, fixtures, main cables shall be marked in permanent manner with computerised stickers, enamel paint or as directed by engineer incharge.

### 4. CLARIFICATION OF DISCREPANCIES:

In case of any discrepancy between specifications etc. furnished by the Engineer-in-charge (Electrical) or disputes in respect therefore the interpretation of the Engineer-in-charge (Electrical) shall be final and binding.

### 5. TEST AND DOCUMENTS:

a. A site order book will be maintained at site which will be in the custody of the Engineer-in-charge (Electrical) or his representative and all instructions given to the Contractor will be recorded in the site order book and the same has to be signed by the contractor to comply with the instruction given therein.

b. After completion of the work the installation shall be tested by the contractor in the presence of the Engineer-in-charge (Electrical). The tests shall comply the I.E. Rules regulation. Test certificate shall be submitted in proper format while handing over the installation after completion of electrification along with six copies of as built drawings and inventory list and guarantee certificates of electrical items. THE JOB SHALL BE TREATED AS COMPLETE ONLY AFTER COMPLETION OF ALL WORKS AS PER BOQ, SUBMISSION OF TEST REPORT AS PER IE RULES AND ANNEXURE AND SIX TEST OF AS BUILT DRAWINGS WITH INVENTORY LIST, GUARANTEE CERTIFICATE FOR ALL ITEMS AND ISSUE OF COMPLETION CERTIFICATE BY HEAD (ELECTRICAL).

i) The result of the insulation test shall comply with the I.E.E. Regulations 1101 to 1108A and 1108B as may be applicable.

ii) Polarity test shall be carried out to ascertain that all the switches have been connected to the phase conductor(s).

In a 2 wire installation a test shall be made to verify that all switches in every circuit have been fitted in the same conductor throughout and such conductor shall be labeled or marked for connection to the phase conductor or to the non-earthed conductor of the supply.

In a 3 wire or 4 wire installation a test shall be made to verify that every non-linked single pole switch is fitted in a conductor which is labeled or marked for connection to one or the phase conductor of supply.

iii) The continuity test of the earthing system shall comply with the I.E.E. Regulations 1108 to 1109 to the latest addition.

If the results of the above tests does not comply with the I.E.E. Regulation the contractor shall be bound to rectify the faults so that the required results are obtained.

The contractor shall be responsible to provide all the necessary testing equipment etc.for carrying out the above tests.

c. The work will not be considered as complete and taken over by OIL INDIA LTD till all the components of the work after being completed at site in all respects have been inspected/tested by the Engineer-in-charge (Electrical) to his entire satisfaction and a completion certificate issued by the Engineer-in-charge (Electrical) to this effect.

#### 6. WORK AND WORKMANSHIP:

a. The work shall be of the highest standard, both as regard its design and workmanship. Modern tools and first class, latest techniques shall be employed for its execution. The workmanship shall be guaranteed for one year after commissioning and any defective workmanship during guarantee period must be corrected by the contractor within 15 days after reporting without any cost to OIL.

b. Any damage done to the building during the execution of work shall be the responsibility of the contractor and it shall be made good by him, at his cost, to the entire satisfaction of the Engineer-in-charge (Electrical).

c. All electrical work shall be executed by skilled and duly licensed electrician under the direct supervision of whole time electrical supervisor as defined in IE rules. Contractor shall submit the copy of licence of his electrician and supervisor to Head (Electrical) and produce the original for verification before starting the job. The contractor shall submit list and produce requisite evidence regarding the qualifications of his supervisor and other workers before the start of the work.

d. The electrical contractor shall possess all the relevant and valid licenses as per the regulations of the Indian Electricity Rules and the Local Electrical Inspector's requirements.

e. The work shall have to be coordinated with the building work and other allied jobs/trades to the entire satisfaction of Engineer-in-charge.

f. Head (Electrical) shall have full powers to get the materials or workmanship etc. inspected and tested by an independent agency, the Contractor's expenses in order to ascertain their soundness and adequacy.

#### E. SAFETY GUIDELINES TO BE FOLLOWED WHILE EXECUTION OF ELECTRICAL JOB BY CONTRACTOR:

1. Contractor shall follow all the safety regulations and environmental preservation points mentioned hereunder:

(i) The contractor shall engage for the wiring and supervision job only highly skilled, competent personnel having experience of at least two years in carrying out electrical wiring job and valid supervisor, wireman license issued by Licensing Board, Assam. All jobs done by the contractor's employees must conform to all the provisions of Indian Electricity Rules, BIS, NEC and OMR.

(ii) The contractor shall ensure complete safety of the personnel engaged by him, and of all the equipment they handle and must take full responsibility for their safety. Company shall not be responsible for any work accident of contractor employees.

(iii) The contractor shall provide the necessary safety gears and personal protective equipment to his personnel engaged for the wiring job. The personal protective equipment (PPE)/ safety gear should include at least the

following:

- a) Safety shoes
- b) Helmet
- c) Safety belts.
- d) Ladder with antiskid rubber shoes.
- e) Switch Board with earth leakage circuit breaker for operation of drill machine.
- f) Any other safety gear that may be required depending on the job nature.

(iv) It will be the responsibility of contractor and his employees to use PPE and safety gears. In case the contractor employees are found to work without PPE and proper safety gears then caution letter will be issued to contractor. In case such violation is noticed on three occasions then the contractor will have to remove the concerned employee from the service. In case contractor fails to comply with this requirement than company may terminate the contract. In case the PPE and safety gears as mentioned above are not provided by the contractor to his employees then Company may terminate the contract.

(v) Before starting electrical job, the contractor employees shall isolate the power, ensure with test lamp for no power and then discharge the circuit to earth. A danger board has to be fixed on the main switch/ DB if required.

(vi) All the packing material, cut ends of cables, casing capping, battens, damaged nails and screw, glass pieces of lamps and other waste materials shall be collected by the contractor employees from the work site and disposed in the dustbins.

2. Engineer in-charge or safety office of OIL shall visit the site every fortnight during execution of the job and compliance of safety points by the contractor shall be recorded in the following tabular form. Copy of this report shall be given to contractor and contractor shall ensure that all the requirements as per the report are complied with within 7 days of the inspection and a compliance certificate is issued by the contractor to this effect.

SL NO DESCRIPTION PRESENT CONDITION SUGGESTION / REMARKS

1 PERSONS HOLDING VALID ELECT. LICENSES.

2 PROMINENT DISPLAY OF VOLTAGE RATINGS WITH #DANGER# SIGNS.

3 SEPARATE & DISTINCT CONNECTIONS TO EARTH GRID FOR ALL ELECT. EQUIP. OPERATING ABOVE 250 V

4 GROUNDING OF SWITCH BOARD/EQUIP. INCLUDING PORTABLE ONES.

5 PROTECTION OF ELECT. SWITCH BOARDS, PORTABLE TOOLS, EQUIP., ETC., FROM GETTING WET DURING USAGE.

6 PROTECTION FROM RAIN-SWITCH BOARDS/KIOSKS AT WORK SITE AND ITS LEVEL TO AVOID CONTACT WITH WATER DURING WATER LOGGING.

7 USE OF INDUSTRIAL TYPE EXTEN. BOARD/PLUG SOCKETS. ,

8 USE OF ELCB FOR ALL TEMP. CONNECTIONS & USAGE OF 3-PIN PLUG TOPS.

9 NEATLY/PROPER LAYING OF POWER SUPPLY CABLE TO AVOID HINDERANCE FOR WORKING PERSONS.

10 TERMINATION OF POWER CABLES USING PROPER SIZE GLANDS/LUGS & CRIMPPING OF THE SAME ADEQUATELY.

11 NO CONNECTION OF EARTHING WIRE TO PIPELINES/STRUCTURES.

12 UNSAFE TEMP. CONNECTIONS, NAKED JOINTS/WIRING, ETC.

13 CONDITION OF TEMP. CABLES- CUTS, DAMAGED INSULATION, KINKS OR IMPROPER INSULATED JOINTS.

14 PROTECTION OF ELECT. WIRES/ EQUIP. FROM WATER/NAKED FLAMES.

15 ILLUMINATION AT WORK AREAS

16 SWITCH BOARDS OF MS STRUCTURE & MARKING OF INCOMING SOURCE.

17 FIRE EXTINGUISHERS-DCP/CO2/SAND BUCKET NEAR SWITCH BOARDS.

18 PROVISION OF INSULATED MATS IN FRONT/BACK NEAR TEMP. SWITCH BOARDS.

19 DISPLAY OF NOTICE IN CASE OF ELECT. ACCIDENT.

20 INSTALLATION OF RESIDUAL CURRENT OPERATED CIRCUIT BREAKER(RCCB) OR EARTH LEAKAGE CIRCUIT BREAKER(ELCB) AS PER INDIAN ELECT. RULES.

21 PERIODIC TESTING RECORD OF THE EFFICIENCY OF EARTH LEAKAGE PROTECTING DEVICES.

22 GENERAL # EARTHING OF APPARATUS, PROTECTION FROM DAMAGE, CONDITION OF

CONNECTIONS, ETC.

23 FIRST AID KIT AVAILABILITY / TRAINED PERSONNEL

SIGNATURES: \_\_\_\_\_

NAME: \_\_\_\_\_

Engineer In-charge      Contractor      Safety Inspector

**F. SCHEDULE OF APPROVED MAKES OF ELECTRICAL MATERIALS:**

1. Light fittings and Lamps - Philips/GE.
2. Fans - Bajaj /Orient/ Usha/ Havell#s.
3. Switch/Switch Socket - MK Wraparound Model.
4. Copper Flexible wires - Finolex/ Havells/ L&T.
5. Coduits/ Casing capping - AKG/Plaza/ Finolex/TATA/ ECW, Presto Plast.
6. MCB DB - Legrand/ Merlin Gerin/ Siemens.
7. Switchboard - PCE Projects Kolkata/ Assam Electricals, Panitola/ Venus Controls, Kolkata/ KEY Electricals, Kolkata/ LOTUS Switchgear, Bangalore.
8. Airconditioners-Bluestar (For split only)/ Carrier/Voltas/LG/ Samsung.

**B. GENERAL HEALTH, SAFETY & ENVIRONMENT POINTS :**

1. It will be solely the Contractor's responsibility to fulfill all the legal formalities with respect to the Health ,Safety and Environmental aspects of the entire job (namely; the person employed by him, the equipment , the environment, etc.) under the jurisdiction of the district of that state where it is operating. . Ensure that all sub-contractors hired by him comply with the same requirement as the contractor himself and shall be liable for ensuring compliance all HSE laws by the sub or sub-sub contractors.

2. Every person deployed by the contractor in a mine must wear safety gadgets to be provided by the contractor. The Contractor shall provide proper Personnel Protective Equipment as per the hazard identified and risk assessed for the job and conforming to statutory requirement and company PPE schedule. Safety appliances like protective footwear, Safety Helmet and Full Body harness has to be DGMS approved. Necessary supportive document shall have to be submitted as proof. If the Contractor fails to provide the safety items as mentioned above to the working personnel, the Contractor may apply to the Company (OIL) for providing the same. OIL will provide the safety items, if available. But 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.  
All the safety gears mentioned above are to be provided to the working personnel before commencement of the work.

3. The Contractor shall prepare written Safe Operating Procedure (SOP) for the work to be carried out, including an assessment of risk, wherever possible and safe methods to deal with it/them. The SOP should clearly state the risk arising to men ,machineries & material from the mining operation / operations to be done by the contractor and how it is to be managed.

4. The contractor shall provide a copy of the SOP to the person designated by the mine owner who shall be supervising the contractor's work.

5. Keep an up to date SOP and provide a copy of changes to a person designated by the Mine Owner/Agent/Manager.
6. Contractor has to ensure that all work is carried out in accordance with the Statute and SOP and for the purpose he may deploy adequate qualified and competent personnel for the purpose of carrying out the job in a safe manner. For work of a specified scope/nature, he should develop and provide to the mine owner a site specific code of practice in line .
7. All persons deployed by the contractor for working in a mine must undergo Mines Vocational Training, initial medical examination, PME. They should be issued cards stating the name of the contractor and the work and its validity period, indicating status of MVT,IME & PME.
8. 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 of work persons, Number of work persons deployed, how many work persons hold VT Certificate, how many work persons undergone IME and type of medical coverage given to the work persons
9. 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.
10. It will be entirely 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 company's Installation Manager / Safety Officer / Engineer / Official / Supervisor/Junior Engineer for safe operation.
11. 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.
12. Any compensation arising due to accident of the Contractor's personnel while carrying out the job, will be payable by the contractor.
13. The contractor shall have to report all incidents including near miss to Installation Manager / departmental representative of the concerned department of OIL.
14. 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.
15. If the company arranges any safety class / training for the working personnel at site (company employee, contractor worker, etc) the contractor will not have any objection to any such training.
16. The health check up of contractor's personnel is to be done by the contractor in authorized Health Centers as per OIL's requirement & proof of such test(s) is to be submitted to OIL. The frequency of periodic medical examinations should be every five years for the employees below 45 years of age and every three years for employees of 45 years of age and above.
17. To arrange daily tool box meeting and regular site safety meetings and maintain records.
18. Records of daily attendance, accident report etc. are to be maintained in Form B, E, J (as per Mines Rules 1955) by the contractor .
19. 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.
20. A contractor employee must, while at work, cooperate with his or her employer or other persons so far as is

necessary to enable compliance with any requirement under the act or the regulations that is imposed in the interest of health, safety and welfare of the employee or any other person.

21. Contractor's arrangements for health and safety management shall be consistent with those for the mine owner.

22. In case Contractor is found non-compliant of HSE laws as required 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 prevailing relevant Acts/Rules/Regulations.

23. 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.

24. The contractor should prevent the frequent change of his contractual employees as far as practicable.

25. The contractor should frame a mutually agreed bridging document between OIL & the contractor with roles and responsibilities clearly defined.

26. For any HSE matters not specified in the contract document , the contractor will abide the relevant and prevailing Acts/rules/regulations/ pertaining to Health, Safety and Environment.

C. The Company's Internal Estimated Rates, as indicated in Part-II, are exclusive of P.F.

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

### WORKS CONTRACT

#### Schedule of company's Plants, Materials and Equipments

Tender No.: DCC3855P10

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

i) Materials:- Cement.

Remarks: Cement will be issued free of cost from Company's Stores at Duliajan.

NB: All empty cement bags must be returned to Materials Godown Duliajan failing which a sum of Rs.8/-(Rupees Eight only) per bag will be recovered from the Contractor's bill.

ii) Plants and Equipments: - Nil

Remarks: Nil

NOTE:-

1. The Contractor is to arrange transport of the above company materials to site of work (up to 8 km.) and for safety thereof for which no extra payment will be made.
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 must be returned to Company in good condition.
4. Plants and equipments 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. 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.
6. 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 Contractor at double the value of materials without any reference to him.

To  
RESIDENT CHIEF EXECUTIVE  
Oil India Limited  
DULIAJAN

SUB:SAFETY MEASURES  
Tender No : DCC3855P10

Description of work/service :

CONSTRUCTION OF NEW OFFICE BUILDING FOR FIELD ENGINEERING DEPTT AT INDUSTRIAL AREA INCLUDING 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 authorised 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,1984 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.

(Seal)

Yours Faithfully

Date\_\_\_\_\_

M/s\_\_\_\_\_

CONTRACTOR  
FOR & ON BEHALF OF