

OIL INDIA LIMITED
(A Govt. of India Enterprise)
Contracts Department,
Duliajan, DISTRICT: DIBRUGARH
ASSAM, PIN: 786602

M/s.
India

TENDER NOTICE NO.: DCO5018P10/BD

Date: 08.09.2009

OIL INDIA LIMITED invites SEALED TENDERS from experienced and approved Contractors/Firms for the under mentioned work:

DESCRIPTION OF WORK/ SERVICE.	LOCATION	CONTRACT PERIOD	i)Bid Closing/ Opening date ii)Earnest money deposit
PROTECTIVE PAINTING FOR ALL EQUIPMENT(PLANT PIPING, STORAGE VESSELS, HEAT EXCHANGERS, PRESSURE VESSELS etc.) OF LPG RECOVERY AND FILLING PLANT .	LPG RECOVERY PLANT AND LPG FILLING PLANT,DULIAJAN.	ONE YEAR	06.10.2009 4,000.00 (RUPEES FOUR THOUSAND ONLY)

- a) Earnest money deposited/Not deposited vide D.Draft/B.Cheque/Money Receipt
No. _____ dated _____ of _____
- b) Security Deposit will be Non-interest bearing 2.1/2% of the total contract price.
- c) Conditional/Non Conditional offer as per letter attached.

2.0 SEALED ENVELOPES Containing the Tender shall be marked with the above Tender Number and description of work and addressed to the

Head-Contracts
OIL INDIA LIMITED
(A Govt. of India Enterprise)
Contracts Department,
Duliajan, DISTRICT: DIBRUGARH
ASSAM, PIN: 786602

All tenderers shall deposit the requisite EARNEST MONEY alongwith the Tender in the form of Demand Draft/Banker's Cheque/Bank Gurantee in favour of M/s Oil India Limited and payable at DULIAJAN. This Earnest Money shall be refunded to all unsuccesssful tenderers, but is liable to be forfeited in full or part, at Company's discretion , as per Clause No. 6 below. Tenders received without Earnest Money in the manner specified above will be summarily rejected.

3.0 Tenders will be received upto 12:45 PM (IST) on the date as mentioned above and opened on the same day at 01:00 PM (IST) at Head-Contracts's office before any attending tenderers.Tender box is placed at the office of Head(Contracts). However, if the above mentioned closing / opening day of the tender happens to be non-working day due to Bundh / Strike or any other reason,the tenders will be received and opened on the following working day at the same time except on Saturdays.

4.0 The rates shall be quoted per unit as specified in the Schedule of Work (Part II) and shall be in words as well as in figures. No overwriting shall be allowed, but all corrections may be inserted in the blank space above the corrected word / figure and must be initialed. In case of discrepancy the unit rate quoted in words shall be considered to be correct.

5.0 The Company reserves the right to reject any or all the tenders or accept any tender in full or in part, without assigning any reason.

6.0 (a) No Tenderer must withdraw the tender after its public opening. Any such withdrawal will make the tenderer liable of forfeit his/her/their Earnest Money in full and debarred from further tendering at the sole discretion of the company and the period of debarment will not be less than 6 (six) months.

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

7.0 The tender must be valid for 180 (One hundred & eighty) days from the date of opening of the tender.

8.0 Conditional tenders are liable to be rejected at the discretion of the Company.

9.0 Tenders can be dropped at the box placed at the office of Contract Department or can be sent by registered post addressed to

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so as to reach his office before scheduled closing date and time. Company will not be responsible for any postal delay or non-receipt of the same.

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

11.0 The bidders are required to furnish the composition and status of ownership of the firm in whose name tender documents have been purchased/issued along with one or more of the following documentary evidences(which are applicable to the bidder) in support of the same.

01. In case of Sole Proprietorship Firm-Copies of Telephone/Electricity/Mobile Bill, PAN, latest Income Tax Return indicating therein the name, business and residential address, E-mail and telephone numbers of the owner and copies of Service Tax and Central Excise Registration Certificate.

02. In case of HUF-Copies of Telephone/Electricity/Mobile Bill, PAN, latest Income Tax Return, Family Arrangement indicating therein the name, residential address, E-mail and telephone numbers of the owners in general and Karta in particular and copies of Service Tax and Central Excise Registration Certificate.

03. In case of Partnership Firm-Copies of Telephone/Electricity/Mobile Bill, PAN, latest Income Tax Return indicating therein the name, residential address, E-mail and telephone numbers of all the partners(including the Managing Partner), registered partnership agreement/deed and copies of Service Tax and Central Excise Registration Certificate.

04. In case of Co-Operative Societies-Copies of Telephone/Electricity/Mobile Bill, PAN, latest Income Tax Return indicating therein the name, residential address, E-mail and telephone numbers of all the Directors or persons who are at the helm of affairs, registration certificate from Registrar of Co-Operative Societies and copies of Service Tax and Central Excise Registration Certificate.

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

06. In case of Joint Stock Companies registered under the Indian Companies Act -Copies of Telephone/Electricity/Mobile Bill, PAN, latest Income Tax Return indicating therein the name, residential address, E-mail and telephone numbers of all the Directors or persons who are at the helm of affairs, Certificate of Incorporation from the Registrar of Companies, Memorandum and Articles and copies of Service Tax and Central Excise Registration Certificate.

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

12.0 The selected tenderer will be required to enter into a formal contract, which will be based on their tender i.e O.I.L's Standard Form of Contract.

13.0 The successful tenderer shall furnish a Security Deposit in the form of Demand Draft / Banker's Cheque / Cash as specified above before signing the formal contract. The Security Deposit will be refunded to the Contractor after satisfactory completion of the work, but a part or whole of which shall be used by the Company in realization of liquidated damages or claims, if any or for adjustment of compensation or loss due to the Company for any reason. This Security Money shall not earn any interest.

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

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

16.0 Time will be regarded as the essence of the Contract and the failure on the part of the Contractor to complete the work within the stipulated time shall entitle the Company to recover liquidate damages and / or penalty from the Contractor as per terms of the tender /contract.

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

SR. MANAGER CONTRACTS
For HEAD-CONTRACTS

OIL INDIA LIMITED
 (A Govt. of India Enterprise)
 Contracts Department,
 Duliajan, DISTRICT: DIBRUGARH
 ASSAM, PIN: 786602

WORKS CONTRACT

DCO5018P10/BD

DESCRIPTION OF WORK/SERVICE :-

PROTECTIVE PAINTING FOR ALL EQUIPMENT(PLANT PIPING, STORAGE VESSELS, HEAT EXCHANGERS, PRESSURE VESSELS etc.) OF LPG RECOVERY AND FILLING PLANT .

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. 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.

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. The contractor shall have no objection to carry out work in excess of the quantities stipulated in Part-II if so ordered by the company at the same rates, terms and conditions.

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 52 weeks of the written order to commence work. During the currency of the job, the work progress must be commensurate with the time elapsed. In the event of any delay on the contractor's part, he/she will be liable to pay to the company liquidated damages at the rate of 1/2% (Half 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 Chief Engineer'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.

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 applicable P.F. Contribution.

21. ARBITRATION :

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

Place of Arbitration : DULIAJAN .

22. FORCE MAJEURE :

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

23. 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.

24. 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.

25. SET OFF CLAUSE :-

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

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

(Signature of witness)

Date : _____

(Full Name of Signatory)

Address:

(Signature of Acceptor)

SIGNED & DELIVERED FOR & ON
BEHALF OF OIL INDIA LIMITED

Designation _____

Date_____

OIL INDIA LIMITED
(A Govt. of India Enterprise)
Contracts Department,
Duliajan, DISTRICT: DIBRUGARH
ASSAM, PIN: 786602

WORKS CONTRACT

Tender No. DCO5018P10/BD

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

Service Line No.	Description of Work	Unit in Words	Quantity	Rate per Unit (Figures & Words)	Amount
10	Horton spheres 1. OUTER DIAMETER: 15.720 M OUTSIDE AREA : 3.1416 X (15.720) 2 = 776.35 FOR TWO SPHERES: 1552.70 ADDING 5 % FOR NOZZLES, SUPPORTS ETC. TOTAL OUTSIDE SURFACE TOTAL AREA : 1631 SQ.M.	Sq. Metre of Exposed Surface HORTON SPHERES:		1,631.000	
20	Condensate tanks 02. OUTER DIAMETER: 3.170 M LENGTH EXCLUDING TWO ENDS: 18.250 M OUTER SURFACE AREA: 3.1416 X 3.170 X 18.250 + 3.1416/2 X (3.170) 2 = 181.75 + 15.78 = 197.53 SQ. M. ADDING 10 % FOR NOZZLES, SUPPORTS ETC. TOTAL OUTSIDE SURFACE AREA : 217.28 SQ.M. FOR TWO TANKS: 435 SQ. M.	Sq. Metre of Exposed Surface CONDENSATE TANKS:		435.000	
30	Filling plant tanker filling area 03. FILLING AREA: MV SPRAY SYSTEM CHANNEL POSTS: 15 SQ.M. ANGLE 1.5", 1" : 7.6 SQ.M. GUARD PIPE POST, 4" : 11.5	Sq. Metre of Exposed Surface FILLING PLANT - TANKER		2,329.000	

SQ.M.
 FLAT BAR, 2"
 : 3 SQ.M.
 WATER & AIR PIPE, 1", 1.5",
 2", 3" : 54 SQ.M.
 TOTAL FOR ONE FILLING
 POINT : 91.1 SQ.M.
 FOR FOUR FILLING POINTS
 : 91.1 X 4 = 365 SQ.M.
 PIPE RACK FOR TANKER
 FILLING PIPES:
 POST 5" X 5" SQ.- 250 M
 = 127 SQ.M.
 ANGLE 3" X 3" - 1280 M
 = 390 "
 AND 2" X 2" -
 788 M = 160 "
 RAILING PIPE 1.5" X 220 M =
 22 SQ.M.
 FLAT BAR 2" X 220 M
 = 35 "
 3" X 220 M
 = 53 "
 CHANNEL 4" X 2" - 12 M =
 5 "
 PLATFORM 2 M X 220 M =
 880 " 1672 SQ.M.
 STAIRS FOR PIPE RACK:
 6" X 3" CHANNEL 32 M =
 20 SQ.M.
 3" FLAT BAR 32 M
 = 5 "
 2" "
 32 M = 3.3 "
 RAILING PIPE 1.25" 32 M =
 3.2 "
 PLATE 0.5 M X 1 M - 44 NOS.
 = 44 SQ.M. 76
 SQ.M.
 TANKER PIPE POST :
 3" X 3" ANGLE 4.8 M
 = 1.5 SQ.M.
 2" X 2" ANGLE 4 M
 = 0.8 "
 TANKER EVACUATION UNIT POST
 2" X 2" ANGLE 1.8 M
 = 0.4 SQ.M.
 2" PIPE POST 3 M
 = 0.5 "
 ANGLE 3" X 3" 2.4 M
 = 0.8 "
 4 SQ.M.
 TOTAL = 2117 + 10
 %(including 10 % for valves,
 pipe fittings, etc.)

	=		
	2328.7 SQ.M.		
	= 2329		
	SQ.M(APPROX.)		
40	Horton sphere area	Sq. Metre of Exposed Surface	1,126.000
	04.	HORTON SPHERE AREA :	
	LPG PIPES-		
	10" X (28 + 31) M =		
	47 SQ.M.		
	8" X 27 M =		
	17.2 "		
	6" X (208 + 36) M =		
	116.8 "		
	4" X (51 + 30) M =		
	25.9 "		
	3" X (104 + 30) M =		
	32.1 "		
	2" X (208 + 66) M =		
	43.7 " 283 SQ.M.		
	WATER LINES-		
	6" X 20 M =		
	9.6 SQ.M.		
	3" X 20 M = 4.8 "		
	2" X 74 M = 11.8 "		
	1" X 220 M = 17.6 "		
	44 SQ.M.		
	CASING PIPE 2" - 8 M		
	:		
	1.3 "		
	ELECTRICAL 2" PIPE POST-		
	21 M : 3.4 "		
	PLATFORM AND STAIRS :		
	ANGLE 2" X 2" - 422 M		
	:		
	85.8 "		
	ANGLE 2.5" X 2.5" - 294		
	M	74.7 "	
	ANGLE 4" X 4' - 340		
	M	138.2 "	
	4" PIPE - 8 M	2.6	
	3" FLAT BAR- 230 M	35	
	8" FLAT BAR- 60 M	24.4	
	2" FLAT BAR 105 M	10.7	
	6" X 3' CHANNEL - 82		
	M	50	
	2" X 1" "		
	- 19 M	3.9	
	4" X 3' "		
	- 8 M	4	
	2" PIPE - 27.4 M	4.4	
	MS PLATE 0.4 M X 0.8 M-		
	24 NOS.	7.7	
	MS PLATE 1 M X 2 M		
	- 2 "	4	
	MS PLATE 1 M X 15 M -		

2	" MS PLATE 0.8 M X 0.3 M - 185 NOS. 530.5 SQ.M. STAIR PLATES: 10" X 30" - 35 NOS. = 7 SQ.M. 2" PIPE FOR INST. CABLE: 24 M = 4 SQ.M. HY. LINE TRAY : 0.3 M X 7.5 M = 2.5 SQ.M. STAIR FLAT BAR: 3"- 40 M, 2"- 20 M = 8 SQ.M PLATFORM PLATE: (2 M X 2 M) - 5 NOS., (0.25 M X 0.8 M) - 25 NOS., (1 M X 5 M) - 2 NOS. = 70 SQ.M 1.25" PIPE- 20 M = 2 SQ.M. CABLE TRAY ANGLE: 2" X 2" - 178 M = 37 SQ.M. FOAM TANKS: 4" PIPE - 24 M, (1.2 M X 1.2 M) PLATE- 12 NOS. = 26 SQ.M. FIRE EXTINGUISHER SHED: 1.7 M X 0.8 M - 6 NOS. = 9 SQ.M. 165.5 SQ.M TOTAL = 1023 + 10 % (including 10 % for valves, pipe fittings, etc.) = 1125.3 SQ.M. = 1126 SQ.M	30 44.4		
50	Gasoline area structures 05. GASOLINE AREA STRUCTURES : PIPIES: 10" X 2 M 8" X 3 M 6" X 5 M 4" X 30 M 3" X 6 M 2" X 113 M 35 SQ.M. 2" X 2" ANGLE - 44 M	Sq. Metre of Exposed Surface	112.000	

	3" X 3" "	-		
	12 M			
	2.5" X 2.5" "	-		
	18 M			
	4" X 2" CHANNEL	- 5		
	M			
	8" X 4' "			
	- 8 M			
	3" X 2" "			
	- 4 M			
	4" PIPE	- 6 M		
	1.5" PIPE	- 36 M		
	0.75" ROUND BAR	- 10.5 M		
	3" FLAT BAR	- 100 M		
	MS PLATE	3 M X 15		
	M		72	SQ.M.
	TOTAL:	107 + 5 %		
	=	112		SQ.M.
60	Recovery plant area		Sq. Metre of Exposed Surface	1,561.000
	06. RECOVERY PLANT AREA:			
	PIPE RACK POSTS:			
	CHANNEL			
	6" X			
	2" - 1023 M	= 520		SQ.M.
	6" X			
	3" - 135 M	= 82		"
	6" X			
	4" - 60 M	= 43		"
	8" X			
	4" - 66 M	= 54		"
	4" X			
	2" - 184 M	= 75		"
	3" X			
	2" - 2 M	= 1		"
		732		
	SQ.M.			
	ANGLES:			
			2.5" X 2.5" -	1489 M =
	378	SQ.M.		
			2" X 2" -	505 M
	= 103	" 481		SQ.M.
	PIPE POST			
			2" -	6 M
	=	1		SQ.M.
	I BEAMS			
			8" X 6" X 6" -	60 M =
	79	SQ.M.		
			8" X 4" X 4" -	16 M =
	16	"		
			6" X 4" X 4" -	218 M =
	199	"		
			5" X 3" X 3" -	74 M =
	53	" 347		
	SQ.M.			

70	<p>TOTAL : 1561 SQ.M. Deethanizer & Debutanizer bottom skids 07. (Bottom skids) : DE-ETHANIZER BOTTOM PART WITH ALUMINIUM PAINT 3.5 M DIA X 3.4 M HEIGHT = 37.4 SQ.M. DE-BUTANIZER BOTTOM PART WITH ALUMINIUM PAINT 5.2 M DIA X 2.8 M HEIGHT = 45.7 SQ.M.</p>	<p>Sq. Metre of Exposed Surface DE-C2 AND DE-C4 COULMNS</p>	<p>84.000</p>
80	<p>TOTAL: 84 SQ.M. Process pipings/ vessels/equipment 08. YELLOW LINES: 12" X 67 M = 64 SQ.M. 10" X 271 M = 216 SQ.M. 6" X 243 M = 116 SQ.M. 4" X 2 M = 1 " 2" X 56 M = 9 " 1.5" X 132 M = 16 " 1" X 52 M = 4 " 426 SQ.M. BLUE LINES: 12" X 99 M = 95 SQ.M. 10" X 18 M = 15 " 8" X 11 M = 7 " 6" X 33 M = 95 " 3" X 77 M = 19 " 2" X 13 M = 2 " 233 SQ.M. GREEN LINES : 12" X 129 M = 124 SQ.M. 10" X 18 M =</p>	<p>Sq. Metre of Exposed Surface PROCESS PIPING/ VESSELS :</p>	<p>1,461.000</p>

14 " 8" X 10 M =
 6 " 6" X 18 M =
 9 " 3" X 28 M =
 7 " 2" X 12 M =
 2 "
 162
 SQ.M.
 GREY LINES:
 16" X 162 M =
 207 SQ.M.
 12" X 13 M =
 12 " 8" X 56 M =
 36 " 6" X 84 M =
 40 " 4" X 3 M =
 1 " 3" X 22 M =
 5 " 2" X 158 M =
 25 "
 326
 SQ.M.
 WHITE LINES :
 3" X 184 M = 44
 SQ.M.
 1" X 31 M = 3
 "
 47
 SQ.M.
 RED LINES :
 2" X 122 M =
 7
 SQ.M.
 ORANGE LINES :
 6" X 85 M = 41
 SQ.M.
 4" X 25 M = 8
 SQ.M.
 3" X 251 M = 60
 SQ.M.
 2" X 112 M = 18
 SQ.M.
 127
 SQ.M.
 TOTAL= 1460.8 SQ.M((including
 10 % for valves, pipe
 fittings, etc.)
 =1461 SQ.M(APPROX.)

90	Control valves 09. CONTROL VALVES : 25 NOS. 25 SQ.M.	Sq. Metre of Exposed Surface	25.000
100	Process equipment 10. PROCESS EQUIPMENT: HE 15.05 = 21 SQ.M. HE 15.07 = 32 SQ.M HE 15.08 = 26 SQ.M. HE 15.09 = 12 SQ.M. HE 15.12 = 7 SQ.M. FC 21.01 = 25 SQ.M. FC 21.02 = 11 SQ.M. FC 21.03 = 11 SQ.M. PV 16.01 = 25 SQ.M. PV 16.02 = 21 SQ.M PV 16.05 = 10 SQ.M PV 16.10 = 19 SQ.M PV 16.03 = 39.10 SQ.M PV 16.04 = 39.10 SQ.M TOTAL = 298.2 SQ.M = 328.02 SQ.M (including 10 % for valves, pipe fittings, etc.)	Sq. Metre of Exposed Surface	328.020
110	Process vessels 11. PROCESS VESSELS ETC. : GREY CLOSED DRAIN TANKS: (A) 3.5 M DIA X 7 M x 3.14 = 77 SQ.M. (B) 5.5 M CIRCUMFERENCE X 4 M = 22 SQ.M. GREY CENTRAL AIR RECEIVER 2.0 M CIRCUMFERENCE X 2 M = 4 SQ.M. WHITE AIR RECEIVER : 5.0 M CIRCUM. X 6 M = 30 SQ.M. GREY CHANNELS : 8" X 3" X 20 M = 14 SQ.M. 6" X 3" X 103 M = 63	Sq. Metre of Exposed Surface	902.000

SQ.M.

4" X 2" X 62 M =

30 "

3" X 2" X 73 M =

26 "

2" X 1" X 6 M =

2 " 135 SQ.M.

GREY PIPES / POSTS:

4" X 2 M =

0.64

3" X 2 M =

0.48

2" X 53 M =

8.5

1.5" X 12 M =

1.4

1.25" X 3 M =

0.3

1" X 9 M =

0.72 12

SQ.M.

GREY ANGLES :

3" X 3" X 17 M = 5

SQ.M.

3" X 2" X 4 M =

1 "

2" X 2" X 145 M = 30

" 36

SQ.M.

BLACK PLATFORM :

1.5" PIPE X 136 M

= 16 SQ.M.

3" FLAT BAR X 176 M

= 27 "

MS PLATE

= 228 SQ.M. 271

SQ.M.

YELLOW

2" FLAT BAR X 160 M

= 16 SQ.M.

2" X 2" ANGLE X 132 M

= 27 " 43

SQ.M.

DE-ETHANIZER & DE-C4

PLATFORM :

BLACK 1.5" PIPE X 84 M

= 10 SQ.M.

BLACK FLAT BAR 3" X 296

M = 45 "

" "

2" X 94 M = 5

"

" MS PLATE

= 47 SQ.M.

" ROUND BAR ½" X 93

M = 4 "
 YELLOW 2" ANGLE X 72 M
 = 15 "
 " 2" FLAT
 BAR X 187 M = 19 "
 " 3" "
 X 24 M = 4 "

149

SQ.M.

EXPANDER COMPRESSOR :

Expander lube oil tank =
 0.75 X 2.9 X 3.14 + 3.14/2 X
 (0.75)²

=

7.7126 SQ.M

Expander skid =

19.5 SQ.M

Expander

channel, angles, pipe posts & l
 beams = 2.787 SQ.M

Accumulators = 3 X (0.23
 X 1.25 X 3.14 + 3.14/2
 X (0.23)²

= 3 X 0.98

= 2.95 SQ.M

30

SQ.M

INLET COMPRESSOR LUBE OIL

COOLER :

TOTAL = 11 SQ.M

(including 5 %

for pipe fittings, etc.)

TOTAL = 820 SQ.M

= 902 SQ.M

(including

5 % for pipe fittings, etc.)

120

Inert gas plant

Sq. Metre of Exposed Surface

40.000

12. INERT GAS PLANT :

GREY TANK 2 M DIA X 4 M

= 25 SQ.M.

GREY 3" PIPE X 7 M

= 2 "

GREY 2" PIPE X 2 M

= 0.32

GREY 1" PIPE X 5 M

= 0.4

GREY ¾" PIPE X 16 M

= 1

GREY ½" PIPE X 4 M

= 0.2
 YELLOW 2" PIPE X 12 M
 = 2
 YELLOW 1" PIPE X 10 M
 = 1
 GREY PANEL 2M X 0.5 M
 = 1
 GREY VESSELS 16" DIA X
 2 M X 2 NOS. = 5 SQ.M.
 GREEN 4" PIPE X 2 M
 = 1
 GREEN
 2" PIPE X 2 M
 = 0.5

40 SQ.M.

130 IPG recovery plant safety system Sq. Metre of Exposed Surface 131.000

3. LPG R/ PLANT SAFETY SYSTEM :-

Single hydrants = 21 SQ.M
 Water monitors = 09 SQ.M
 Deluge valves = 06 =6 SQM

36

SQ.M

WATER RESERVOIR :

BLACK 1.5" PIPE X 26 M
 = 3 SQ.M.

" FLAT BAR 3" X 26
 M = 4 "

" MS PLATE
 = 9 SQ.M.

YELLOW 2" FLAT BAR X 26
 M = 3 "

" 2" ANGLE X 20M
 = 4 "

GREY CHANNEL 6" X 3" X
 26 M = 16 "

RED 20" PIPE X 8 M
 = 13 "

RED 18" PIPE X 10 M
 = 15 "

RED 14" PIPE X 10 M
 = 11 "

RED 12" PIPE X 4 M
 = 4 "

RED 6" PIPE X 12 M
 = 6 "

BLUE 8" PIPE X 10 M
 = 7 "

95

SQ.M.

	TOTAL = 131 SQ.M		
140	Common venting lines	Sq. Metre of Exposed Surface	925.000
	14. COMMON VENTING LINE :		
	A. Common venting line		
	from storage vessels:		
	(a)	Surface area for 36 m	
	6" line = 18 sq.m.		
	(b)	Surface area for 243	
	m 8" line = 155 sq.m.		
	(c)	Surface area for 81 m	
	10" line = 65 sq.m.		
	(d)	Surface area for 273	
	m 12" line = 262 sq.m.		
	Total : 550 sq.m.		
	(including 10 %		
	for valves, pipe fittings,		
	etc.)		
	B. Approx. surface area for		
	246 m of 16" Flare line (from		
	closed drain		
	vessel to flare): 319 sq.m.		
	(including 10 % for		
	valves, pipe fittings, etc.)		
	C. Support posts for common		
	venting lines (nos.)		
	= 4" x 2.10 m - 76 nos.		
	= 56 sq.m.		
	(including 10 % for		
	base, fittings, etc.)		
	Total on above : 550 +		
	319 + 56 = 925 sq.m.		

925

	SQ.M		
150	270 KVA Generator	Sq. Metre of Exposed Surface	50.000
	15. 270 KVA Generator :		
	(i) Cooling tower		
	(including supports,motor		
	etc)= 3 SQ.M		
	(ii) Engine = 11 SQ.M		
	(iii) Pipings = 20 SQ.M		
	(iv) 1" fuel line to		
	the generator = 16 SQ.M		

TOTAL

	= 50 SQ.M		
160	New heaters	Sq. Metre of Exposed Surface	471.000
	6. NEW HEATERS		
	(i) Regen. Gas heater		

	= 110 SQ M		
	(ii) Hot oil heater		
	= 110 SQ.M		
	(iii) Heater pipings		
	= 8 SQ.M		
	B. OLD HEATERS :		
	(I) Regen. Gas heater		
	= 100 SQ.M		
	(ii) Hot oil heater		
	= 100 SQ.M		
	TOTAL = 428 SQ.M		
	= 470.8 SQ.M		
	(including 10 %		
	for valves, pipe fittings,		
	etc.)		
	=471 SQ.M		
170	Electrical tower	Sq. Metre of Exposed Surface	298.000
	17. ELECTRICAL TOWER:		
	(a) Electrical tower		
	(small) 3 nos. with an		
	approx. surface area for		
	painting 57 sq.m. for each		
	tower:		
	Area : $57 \times 3 = 171$		
	sq.m.		
	(b) Electrical tower		
	(big) 1 no. with an approx.		
	surface area for		
	painting = 100 sq.m.		
	Total surface area for		
	four towers = $171 + 100 = 298$		
	sq.m.		
	(including 10% for		
	fittings etc.)		
	298 SQ.M		
180	Pump motors	Sq. Metre of Exposed Surface	59.000
	18. PUMP/ FAN MOTORS :		
	(GREY PAINT)		
	(a) Debutanizer pump		
	motor = $1.5 \times 2 = 3$		
	SQ.M		
	(b) Debutanizer		
	reboiler pump motor = 1.5×2		
	= 3 SQ.M		
	(c) Expander lube oil		
	pump motor = $1.5 \times 2 = 3$		
	SQ.M		
	(d) Closed drain pump		
	motor = $1.5 \times 2 = 3$		
	SQ.M		
	(e) Horton sphere pump		
	motor = $1.5 \times 3 = 4.5$		
	SQ.M		
	(f) Condensate		

despatch pump motor = 1.5×2
= 3 SQ.M

(e) Regen. gas fan
motor = $1.5 \times 2 = 3$
SQ.M

(f) Cooling water pump
motor = $2.5 \times 2 = 5$ SQ.M

(g) Deep tube well
pump & motor = $3 \times$
4 nos.

=

12 SQ.M

(h) 270 KVA generator
pump + motor = 2 SQ.M

RED PAINT:

Fire water pumps = 2.5
SQ.M $\times 7 = 17.5$ SQ.M

TOTAL=

59 SQ.M

190 Cooling towers Sq. Metre of Exposed Surface 162.000

19. COOLING TOWERS :

(a) New cooling
tower = $10.34 \times 7.8 =$
80.652 SQ.M

(b) Old cooling
tower = $10.20 \times 7.9 =$
80.58 SQ.M

TOTAL = 161.232
SQ.M

= 162.00

200 sq.m LPG filling plant safety Sq. Metre of Exposed Surface 25.000

system
20. LPG FILLING PLANT SAFETY
SYSTEM

Single hydrants = 7 SQ.M

Water monitors = 8 SQ.M

Deluge valves = 10 SQ.M

TOTAL
= 25 SQ.M

Total Amount(Rs):

Note :- Bidder must include all liabilities including statutory liabilities in their quoted rates.

OIL INDIA LIMITED
 (A Govt. of India Enterprise)
 Contracts Department,
 Duliajan, DISTRICT: DIBRUGARH
 ASSAM, PIN: 786602

WORKS CONTRACT

Particular Specifications and Instructions

Tender No.: DCO5018P10/BD

SPECIAL TERMS AND CONDITIONS:-

- (i) Airless Spray gun machine is to be supplied by the bidder.
- (ii) Elcho meter with calibration system for DFT readings are to be supplied by the bidder.
- (iii) All the working personnl should have personnel protective equipment/protective clothing such as Industrial safety shoes, helmets, gloves etc which should be provided by the contractor.

SALIENT FEATURES OF ELIGIBILITY CRITERIA:-

1. BID REJECTION CRITERIA (BRC):

The bid shall conform generally to the specifications and terms and conditions given in the Bid Documents. Bids will be rejected in case services offered do not conform to the required parameters stipulated in the technical specifications. Notwithstanding the general conformity of the bid to the stipulated specifications, the following mandatory requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected.

4

1.1 The bidder must have experience of successfully executing the SIMILAR nature of work(s) in PSUs/Central Govt./State Govt./Railway/Petroleum sector of the following magnitude during the last 7(Seven) years ending on bid closing date.

- i) One single contract of minimum value of Rs.6.50 Lakhs
OR
- ii) Two single contracts of minimum value of Rs.4.00 Lakhs each.
OR
- iii) Three single contracts of minimum value of Rs.3.00 Lakhs each.

'SIMILAR nature' means:

The job involving painting jobs in hazardous and running process plants like LPG plant or OCS or GCS or any oil/gas installation.

1.2. The bidder should have an average annual turnover of Rs.2.50 Lakhs during the last three years ending 31.03.2009 (documentary evidence required).

1.3 Bidders must have adequate knowledge about the above and must possess relevant experience of doing similar jobs satisfactorily in hazardous and running process plants. Documentary evidence for experience must be submitted.

1.4 Bidder must submit all necessary documents relating to his experience in any LPG plant, otherwise bid will be rejected.

1.5 Airless Spray gun machine is to be supplied by the bidder. The painting is to be done by Airless Spray gun machine. Documentary evidence of having Airless Spray gun machine must be submitted by the bidder otherwise bid will be rejected.

1.6 Elcho meter with calibration system for DFT readings are to be supplied by the bidder. Documentary evidence of having Elcho meter plus the calibration / test certificate must be submitted by the bidder otherwise bid will be rejected.

1.7 Bidder shall have to quote directly and not through any agent. Offers made by their agents on behalf of any undertakings, will be rejected. Similarly, bids received from unsolicited parties shall also be rejected

2. Bid Evaluation Criteria(BEC)

The bids conforming to the terms and conditions stipulated in the bid documents and considered to be responsive after subjecting to the Bid Rejection Criteria will be considered for further evaluation as per Bid Evaluation Criteria given below;

To ascertain the inter-se-ranking, the comparison of the responsive bids will be made on the basis of total amount quoted in Part - II of the tender.

OIL INDIA LIMITED
(A Govt. of India Enterprise)
Contracts Department,
Duliajan, DISTRICT: DIBRUGARH
ASSAM, PIN: 786602

WORKS CONTRACT

Schedule of company's Plants, Materials and Equipments

Tender No.: DCO5018P10/BD

9.03 4. Following materials and equipment are to be supplied by the bidder:-

- (i) Airless Spray gun machine .
- (ii) Elcho meter with calibration system for DFT readings.
- (iii) All the working personnl should have personnel protective equipment/protective clothing such as Industrial safety shoes, helmets, gloves etc which should be provided by the contractor.
- (iv) Bidder must provide scaffoldings in his own cost.
- (v) All the paints, primmers & related materials is to be supplied by the bidder.

To
 HEAD-CONTRACTS
 Oil India Limited
 DULIAJAN

SUB:SAFETY MEASURES
Tender No : DCO5018P10/BD

Description of work/service :

PROTECTIVE PAINTING FOR ALL EQUIPMENT(PLANT PIPING, STORAGE VESSELS, HEAT EXCHANGERS, PRESSURE VESSELS etc.) OF LPG RECOVERY AND FILLING PLANT .

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