

GOVT. TENDER PORTAL

Name of the Tendering Organization : **Oil India Limited,
4, India Exchange Place,
Kolkata – 700 001, (W.B.)**

Type of Organization : Public Sector Undertaking

Tender Title : Revamping of Cooling Towers

Tender Ref. No. : SKI0375P11 dt. 15.12.2010

Product Category : Spares for LPG plant

Sub Category : Cooling Tower Revamping

Tender Value : ₹ 34 Lakhs

EMD : ₹ 68,000/-	Document Cost : ₹ 1000/-
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Entry Type : Press Tender (Composite bid system)

Enter Location : Duliajan, Assam

	Day	Month	Year
First Announcement Date	16	12	2010
Last Date of Document Collection	25	01	2011
Last Date of Submission	01	02	2011 upto 13.30 HRS.
Opening Date	01	02	2011 upto 14 HRS.

Work Description :

Pre-Qualification :

- i) Successful execution of single order of value not Less than ₹ 17 lakhs for similar items during the last five years.
- ii) Annual turn over of the firm in any of the last three financial years or current financial year should be more than ₹ 34 lakhs.

Sector : Mines & Minerals.

OIL INDIA LIMITED
(A Govt. of India Enterprise)
4, India Exchange Place,
Kolkata – 700 001.

OIL INDIA LIMITED invites indigenous competitive bid through its e-procurement portal – <https://etender.srm.oilindia.in/sap/bc/gui/sap/its/bbpstart/>, for the following e-Tenders :-

Srl. No.	Tender No. (Bid Closing Date)	Materials Description	Single Order Value in (₹ Lakhs)	Annual Turnover in (₹ Lakhs)
1.	SKI0351P11 (01.02.2011)	Bitumen Felt – 4500 Rolls.	27.00	53.00
2.	SKI0375P11 (01.02.2011)	Revamping of Cooling Towers	17.00	34.00

2.0 Tender fee (non-refundable) of ₹ 1000.00 per tender (excepting PSU and SSI units registered with NSIC) by Demand Draft in favour of M/s. Oil India Limited payable at Kolkata and to be sent to **Head-Calcutta Branch**, Oil India Limited, 4, India Exchange Place, Kolkata – 700 001 only. On receipt of requisite tender fee and subject to fulfillment of eligibility criteria, USER_ID and initial PASSWORD will be communicated to the bidder (through-e-mail) and will be allowed to participate in the tender through OIL’s e-Procurement portal. No physical tender documents will be provided. **USER_ID AND INITIAL PASSWORD WILL BE ISSUED TILL ONE WEEK PRIOR TO THE BID CLOSING DATE.**

3.0 To be eligible for issue of USER-ID and password, the applicant must meet the following qualifying criteria (documentary evidence to be provided) :

(i) Successful execution of a single order of value not less than the amount shown above for supply of similar item during last five years.

(ii) Annual turnover of the firm in any of the last three financial years or current financial year should be more than the amount shown above.

4.0 Bidders may visit OIL’s website www.oil-india.com for further details on the above tenders and details of NIT can be viewed using “Guest Login” provided in the e-procurement portal.



OIL INDIA LIMITED
(A Government of India Enterprises)
4, India Exchange Place
Kolkata -1

TELEPHONE NO. (033) 222301657

FAX NO: (033) 22302596

Email: oilcalmn@dataone.in;oilcalmn@oilindia.in

TENDER NO. SKI0375P11

DATE: 15.12.2010

INVITATION TO E-BID UNDER COMPOSITE BID SYSTEM

Dear Sirs,

OIL invites Bids for the supply of Cooling Tower Revamping through its E-Procurement site. The bidding documents and other terms and conditions are available at Booklet No. MM/CALCUTTA/E-01/2010. The prescribed Bid Forms for submission of bids are available in the tender document folder.

The general details of tender can be viewed at 'Basic data' under 'Header data' in Bid invitation screen. The details of items tendered can be found by clicking to 'Item data'.

The tender is invited with firm price for the specified quantity. Further details of tender are given below:-

1. Details of Items with Quantity and Unit of measure are as under:

Item No.	Description	Tendered Qty. in Nos.	Unit of Measure
01	Revamping of Cooling Towers,Details of require as per Annexure II	1	AU

The tender will be governed by:

- "General Terms & Conditions" for e-Procurement as per Booklet NO. MM/CALCUTTA/E-01/2010 for E-procurement (LCB Tenders).
- Technical specifications and Qty. as per Annexure II.
- The prescribed Bid Forms for submission of bids are available in the tender document folder. Technical Checklist and Commercial Checklist vide Annexure IV must be filled-up and submitted along with the technical bid.

Notes:

1. All items should be brand new, unused and of prime quality. Bidder to confirm the same while quoting.
2. Bidder should indicate the name of manufacturer and country of origin.
3. Bidder to indicate the dimensions including the weight of each item.

Special Note:

Please note that all tender forms and supporting documents are to be submitted through OIL's E-Procurement site only

Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the bid or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in the rejection of its offer without seeking any clarifications.

NB: All the Bids must be Digitally Signed using "Class 3" digital certificate with Organisations Name (*e-commerce application*) as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India.

Yours Faithfully

Sd-
K.Bhattacharjee
Chief Manager MAterials
For Head Calcutta Branch

OIL INDIA LIMITED

(A Govt. Of India Enterprise) Tel :033 2230 1657, 1658
 4, India Exchange Place, Fax :91 33 2230 2596
 Kolkata-700001 E-mail :oilcalmn@cal2.vsnl.net.in

Tender No. & Date :SKI0375P11 DATED 15.12.2010

Tender Fee : INR 1,000.00
 Bid Security Amount : INR 68,000.00

Bidding Type : Single Bid (Composite Bid)

Bid Closing On : As mentioned in online tender.
 Bid Opening On : As mentioned in online tender.

Performance Guarantee : Applicable

OIL INDIA LIMITED invites Press tenders for items detailed below:

Item No./ Mat. Code	Material Description	Quantity	UOM
10 99067974	REVAMPING OF TWO NOS. OF COOLING TOWERS OF LPG RECOVERY PLANT. Structural members(a)-ASCU treated timber for following sizes: 3 x 3 x 10#-0 18 Nos. 3 x 3 x 6#-9 3/8# 18 Nos. 3 x 2 x 2#-8# 126 Nos. 3 x 6 x 8#-0 16 Nos. 3 x 4 x 11#-10 3/4# 02 Nos. 3 x 4 x 6#-0 02 Nos. 3 x 3 x 12#-0 36 Nos. 3 x 3 x 8#-7 9/16 04 Nos. 3 x 3 x 7#-11 7/16 04 Nos. 3 x 3 x 7#-0 10 Nos. 3 x 3 x 6#-2 3/16 18 Nos. 3 x 3 x 4#-11 7/8 18 Nos. 3 x 3 x 10#-0 18 Nos. 3 x 3 x 6#-9 3/8# 18 Nos. 3 x 2 x 2#-8# 126 Nos. 2 x 12 x 12#-0 04 Nos. 2 x 6 x 8#-7 1/2 32 Nos. 2 x 4 x 12#-2 5/8 12 Nos. 2 x 4 x 12#-0 15 Nos. 2 x 4 x 8#-7 1/4 64 Nos. 2 x 4 x 8#-0 52 Nos. 2 x 3 x 10#-0 08 Nos. 2 x 3 x 8#-0 04 Nos. 2 x 15/16N x 8#-0 16 Nos. 2 x 12 x 8#-0 02 Nos. 1 1/2 x 8 x 8#-0 02 Nos. 1 1/2 x 8 x 12#-0 04 Nos. 1 1/2 x 8 x 6#-11 06 Nos. 1 1/2 x 6 x 12#-2 5/8 04 Nos. 1 1/2 x 6 x 11#-11 7/8 04 Nos. 1 1/2 x 6 x 8#-0 T&G 90 Nos.	1	SET

Item No./ Mat. Code	Material Description	Quantity	UOM
	1 1/2 x 6 x 7#-11 7/8 04 Nos. 1 1/2 x 5N x 1#-4 08 Nos. 1 1/2 x 4 x 9#-4 04 Nos. 1 1/2 x 4 x 9#-0 20 Nos. 1 1/2 x 4 x 8#-10 7/8 32 Nos. 1 1/2 x 4 x 8#-0 04 Nos. 1 1/2 x 4 x 6#-5 04 Nos. 1 1/2 x 4 x 6#-0 08 Nos. 1 1/2 x 4 x 5#-10 04 Nos. 1 1/2 x 4 x 4#-6 3/8 04 Nos. 1 1/2 x 4 x 2#-9 24 Nos. 1 1/2 x 3 x 1#-6 132 Nos. 6 x 1 x 1#-7 3/4 32 Nos. 3 x 1 x 8#-0 06 Nos. 1 x 1 1/2 x 8#-0 48 Nos. 6 x 3/4 x 8#-0 50 Nos. 6 x 3/4 x 6#-0 24 Nos. 3 x 3 x 4#-8 3/16 08 Nos. 4 x 1 1/2 x 12#-0 27 Nos. 4 x 2 x 8#-2 5/8 12 Nos. 6 x 1 x 8#-0 T&G 110 Nos. 4 x 3 x 4#-6# 18 Nos.		
<u>20</u> 99067851	SPARES OF LPG COOLING TOWER ,END WALL TRUSS ASSEMBLY	8	SET
<u>30</u> 99067976	SEAL PLY,SPARES OF LPG COOLING TOWER 3/8 x 11 15/16 x 45 1/4# 16 Nos. 3/8 x 14 x 48# 16 Nos.	16	NO
<u>40</u> 99067977	HDG SHEAR PLATE,LPG COOLING TOWER	40	NO
<u>50</u> 99067978	HDG TIE BAR 3/4 DIA x 6' -9",LPG COOLING TOWER	14	NO
<u>60</u> 99067979	HDG TIE BAR 3/4 DIA x 4' -4",LPG COOLING TOWER	4	NO
<u>70</u> 99067980	HDG TIE BAR 5/8 DIA x 6' -9",LPG COOLING TOWER	6	NO
<u>80</u> 99068051	HDG BRACKET 3/16 x 4 x 19 9/16,LPG COOLING TOWER	24	NO
<u>90</u> 99068052	HDG TWISTED BAR,LPG COOLING TOWER	50	NO
<u>100</u> 99068054	SEAL PLY,3/8 x15 15/16 x 96",LPG COOLING TOWER	6	NO
<u>110</u> 99068053	SEAL PLY,3/8 x 11 15/16 x 45 1/4",LPG COOLING TOWER	16	NO
<u>120</u> 99067975	Structural members(b)-ASCU treated timber for following sizes:6 x 3/4 x 8#-0 50 Nos. 1 1/2 x 4 x 6#-0 08 Nos. 1 x 1 1/2 x 8#-0 02 Nos.	1	SET

Item No./ Mat. Code	Material Description	Quantity	UOM
	1 1/2 x 6 x 6#-0 01Nos. 2 x 6 x 8#-7 1/2 32 Nos. 2 x 4 x 8#-7 1/4 64 Nos. 1 1/8N x 1 3/4 N x 8#-0 10 Nos. 4 x 1 1/2 x 1#-9 5/8 32 Nos. 2 x 12 x 8#-0 02 Nos. 2 x 12 x 12#-0 04 Nos. 1 1/2 x 4 x 6#-5# 04 Nos. 1 1/2 x 4 x 9#-0# 32 Nos. 1 1/2 x 4 x 12#-0 04 Nos. 1 1/2 x 4 x 7#-0 08 Nos. 1 1/2 x 6 x 11#-11 7/8 08 Nos. 1 1/2 x 6 x 8#-2 5/8 04 Nos. 4 x 2 x 11#-11 7/8 16 Nos. 4 x 2 x 8#-2 5/8 08 Nos. 1 1/2 x 8 x 8#-0 02 Nos. 1 1/2 x 8 x 12#-0 04 Nos. 1 1/2 x 8 x 6#-9 5/8 06 Nos. 1 1/2 x 3 x 1#-4# 16Nos. 5 x 1 1/2 x 1#-4# 08 Nos. 1 1/2 x 6 x 8#-0 T&G 66 Nos. 3 x 4 x 5#-2 1/4 02 Nos. 3 x 4 x 9#-8 1/2 02 Nos. 3 x 3 x 9#-6 18 Nos. 3 x 3 x 5#-11 3/16 18 Nos. 3 x 3 x 2#-5 1/2 08 Nos. 3 x 3 x 9#-6 1/2 18 Nos. 3 x 3 x 4#-8 1/2 18 Nos. 2 x 1 15/16 x 8#-0 16 Nos. 3 x 2 x 5#-3# 04 Nos. 1 1/2 x 3 x 1#6# 108 Nos. 1 1/2 x 6 x 8#-0 04 Nos. 1 x 3 x 8#-0 05 Nos. 3 x 2 x 9#-0 08 Nos. 4 x 2 x 8#-0 32 Nos. 3 x 3 x 7#-0 08 Nos. 1 x 1 1/2 x 8#-0 20 Nos. 1 1/2 x 1 1/2 x 7#-0 10 Nos. 6 x 1 x 1#-7 3/4 32 Nos. 6 x 3 x 8#-0 16 Nos. 4 x 1 1/2 x 12#-0 35 Nos. 4 x 1 1/2 x 2#-6# 08 Nos. 3 x 3 x 4#-8 7/16 08 Nos. 2 x 1 x 8#-0 10 Nos. 4 x 3 x 4#-6# 18 Nos.		
130 99067855	SPARES OF LPG COOLING TOWER ,LOUVER COLUMN ASSEMBLY	18	SET
140 99067856	SPARES OF LPG COOLING TOWER ,CD-19 PVC FILL BLOCK	190	M3
150 99067857	SPARES OF LPG COOLING TOWER ,HDG COACH SCREW 1/4 X 4" WITH RUBBER WASHER	460	NO

Item No./ Mat. Code	Material Description	Quantity	UOM
<u>160</u> 99067858	SPARES OF LPG COOLING TOWER ,HDG COACH SCREW 1/4 X 2 1/2" WITH RUBBER WASHER	60	NO
<u>170</u> 99067859	SPARES OF LPG COOLING TOWER ,HDG BOLTS,NUTS WITH DOUBLE WASHERS IN ASSORTED SIZES	200	KG
<u>180</u> 99067861	SPARES OF LPG COOLING TOWER ,SS 304 NAILS IN ASSORTED SIZES	65	KG
<u>190</u> 99067862	SPARES OF LPG COOLING TOWER ,RUBBER WASHER ID 8.5MM X OD 25MM	3500	NO
<u>200</u> 99058575	Spares for Cooling Tower, Model: 472-202, SR-18, (2DFID-18-2), Double Cell, Cross-Flow, Fan Dia: 3600 mm (144"): PVC C TYPE DRIFT ELIMINATOR	100	M2
<u>210</u> 99058578	Spares for Cooling Tower, Model: 472-202, SR-18, (2DFID-18-2), Double Cell, Cross-Flow, Fan Dia: 3600 mm (144"):TOTAL REPLACEMENT OF LOUVERS (FRP)	140	M2
<u>220</u> 99058579	Spares for Cooling Tower, Model: 472-202, SR-18, (2DFID-18-2), Double Cell, Cross-Flow, Fan Dia: 3600 mm (144"):TOTAL REPLACEMENT OF CASING (FRP)	135	M2
<u>230</u> 99058580	Spares for Cooling Tower, Model: 472-202, SR-18, (2DFID-18-2), Double Cell, Cross-Flow, Fan Dia: 3600 mm (144"):FRP CORNER ROLL 6 x4 x8' - 0	18	NO
<u>240</u> 99058582	Spares for Cooling Tower, Model: 472-202, SR-18, (2DFID-18-2), Double Cell, Cross-Flow, Fan Dia: 3600 mm (144"):SPIRAL TARGET NOZZLE	1000	NO
<u>250</u> 99058583	Spares for Cooling Tower, Model: 472-202, SR-18, (2DFID-18-2), Double Cell, Cross-Flow, Fan Dia: 3600 mm (144"):MASTIC COMPOUND	40	KG
<u>260</u> 99067528	SPARES OF LPG COOLING TOWER FAN ASSEMBLY Cooling tower FRP fan assembly 144" dia & 9 blades with : i)drive shaft assembly, ii)SR.22 gear box iii)oil line assembly & iv) Mech. equipt. support.	1	NO
<u>270</u> 99067852	SPARES OF LPG COOLING TOWER ,MIDDLE TRUSS ASSEMBLY	2	SET
<u>280</u> 99067855	SPARES OF LPG COOLING TOWER ,LOUVER COLUMN ASSEMBLY	18	SET
<u>290</u> 99025841	8" Distribution valve of cooling tower with complete assembly	8	NO
<u>300</u>	SPARES OF LPG COOLING TOWER ,ANCHOR CASTING (0-4154-1)	12	NO

Item No./ Mat. Code	Material Description	Quantity	JOM
99067863			
310 99067864	SPARES OF LPG COOLING TOWER ,ANCHOR CASTING (0-4153-1)	8	NO
	LABOUR AND SUPERVISION CHARGE		
10	LABOUR &SUPERVISION CHARGE	2	AU

- Special Notes :**
1. The offer must be accompanied by catalogue showing material specification, dimension, drawing etc. Copy of test certificates for timber components, steel components, FRP & GRP components are to be submitted along with offer for our scrutiny. Non-fulfillment of the same may lead to the rejection of the offer.
 2. Timber components of the cooling tower shall be fabricated from good quality pine wood as per IS-2372 and shall be pressure treated with Chromated Copper Arsenate in full cell process as per IS-401 for its longer life and durability. All the plywood components shall be made from Marine plywood.
 3. All steel components like fasteners, bolts, nuts, washers etc. shall be hot dip galvanized. All nails will be of S.S. 304 quality. Please confirm.
 4. The bidder must send with the enquiry detail list of their competent personnel along with their credential along with copy of last five years, purchase orders for execution of cooling tower jobs.
 5. Material test certificates certifying the quality of materials supplied must be supplied along with the materials. Please confirm.
 6. Note for Dismantling, Commissioning of Cooling Tower:-
 - i. The servicing of the cooling tower will have to be carried out during the running of the LPG Recovery Plant with the spare cooling tower in running condition. Both the cooling tower has the basins connected together. Isolation of the basin will have to done by the party. Necessary help shall be provided by us. Please confirm.
 - ii. The supplier will have to carryout the complete dismantling, servicing and commissioning of the existing cooling tower and handover the renewed / serviced tower with new components to the Plant personnel after satisfactory trial performance. OIL shall provide the services of Cranes for removing of the gear boxes and fans, motors and other heavy objects from the tower top and during commissioning of the same only. The supplier will have to give their tentative requirement of cranes at the beginning of the project. OIL shall also provide suitable lighting arrangement, one water supply point and one electric connection point. However all electrical and other instruments shall have to be brought by the supplier to site. Scaffolding materials are to be arranged by the supplier. OIL shall provide space for storage of materials received at site.
 - iii. The Contractor may be required to work during night time to complete the job within stipulated short time for which required procedures are to be followed. OIL shall provide lighting arrangement for the same.
 - iv. Fixing of the components after dismantling of the unserviceable components and commissioning of the cooling tower shall be carried out by experienced and qualified persons

having proven experience and shall be carried out in such a way that the internal fill arrangement is retained as per the original design configuration. Railing / guard must be provided at top for safety reason.

v. The completion time for the full repair job shall be tight due to our operating constraints and it should not exceed more than one month. The bidder is to clearly indicate this in their offer.

vi. After completion of the servicing / repair job, performance run shall be carried out to ascertain revival of the original design efficiency.

vii. A performance bank guarantee for 10 % of the total value of the purchase order shall be provided by the supplier for one year from the date of commissioning of the tower. Any failure of the cooling tower due to poor workmanship and quality of materials, the same shall be rectified / repaired at no extra cost within that period.

viii The bidder may visit the plant prior to quoting for better interest.

ix. The supplier must fulfill all statutory, legal obligations with respect to the project. They must satisfy all labour law requirements. They must satisfy PF, Insurance etc. law with respect to their workers and the copy of the same must be submitted along with the enquiry document. Non-fulfillment of Labour law may lead to the rejection of the offer. The supplier will be required to give in writing for their fulfillment of above.

7. Delivery : Our requirement is urgent, we need to carryout the revamping before the start of next summer i.e. within March' 2011. Hence the party will have to improve upon delivery schedule to suit our operational requirement.

8. Payment : 70% payment will be released against submission of bills/ despatch documents and balance 30% payment on successful installation and commissioning of the material at OIL's site.

9. Charges for service job:

Charges for Dismantling, servicing & Commissioning of cooling tower if any, must be quoted by the bidder separately indicating the applicable service tax.