



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

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FORWARDING LETTER

Tender No & Date : **SKI8551P16** **Date: 11.09.2015**

Tender Fee : **Rs 1,000.00**

Bid Security Amount : **Rs 40,000.00**

Bidding Type : **Single Stage Two Bid**

Bid Closing on : As mentioned in the Basic Data of e-portal

Bid Opening on : As mentioned in the Basic Data of e-portal

Performance Guarantee : Applicable

Integrity Pact : Applicable

Delivery Required : **At DULIAJAN, ASSAM**

OIL invites Bids for **1 no. SUPPLY,ERECTION,COMMISSIONING,TESTING OF ELECTRICALLY OPERATED OVERHEAD TRAVELLING CRANE OF CAPACITY 20/10 TONNES FOR BOP SERVICING WORKSHOP AT DULIAJAN** as per Annexure II 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 Technical RFx -> External Area -> Tender Documents.

The general details of tender can be viewed by opening the RFx [Tender] under RFx and Auctions. The details of items tendered can be found in the Item Data and details uploaded under Technical RFX.

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:

SL.NO.	MATERIAL DESCRIPTION.	QUANTITY	UNIT
10	SUPPLY,ERECTION,COMMISSIONING, TESTING OF ELECTRICALLY OPERATED OVERHEAD TRAVELLING CRANE OF CAPACITY 20/10 TONNES FOR BOP SERVICING WORKSHOP AT DULIAJAN (Details as per Annexure-II)	1	NO.

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 with BEC/BRC and Qty. as per **ANNEXURE II** .
- The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area - > Tender Documents.
- In the event of receipt of only a single offer against the tender within B.C. date, OIL reserves the right to extend the B.C. date as deemed fit by the Company. During the extended period, the bidders who have already submitted the bids on or before the original B.C. date, shall not be permitted to revise their quotation.
- 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 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).
- Bidder are advised to fill up the Technical bid **CHECK LIST** and **RESPONSE SHEET** given in MS excel format in Technical RFx -> External Area - > Tender Documents. The above filled up document to be uploaded in the **Technical RFX Response**.

Special Note:

1.0 General Qualification Criteria:

In addition to the general BRC/BEC, following criteria on Bidders' Experience and their financial capabilities shall be considered (documentary evidence to be provided along with the bid in Technical RFx -> External Area - > Tender Documents as on the Bid Closing Date:

a) Bidder should have experience of successful execution of at least one similar order for **Rs. 11.82 lakhs** during last 3 (three) years as on bid closing date to companies under the Government, Semi Government, Public sector undertakings or Public Limited Companies.

b) Annual financial turnover of the firm in any of the last 3 financial years or current financial year should not be less than **Rs 39.39 Lakhs**.

2.0 Application showing full address / e-mail address with 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. Application shall be accepted only upto one week prior to Bid Closing date. The envelope containing the application for participation should clearly indicate “REQUEST FOR ISSUE OF USER ID AND PASSWORD FOR E TENDER NO SKI8551P16 dated 11.09.2015 for easy identification and timely issue of authorisation. On receipt of requisite tender fee and subject to fulfilment 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.

Alternatively, applicants already having User ID & Password for OIL’s e-portal can pay the requisite tender fee and bid security against this tender through the online payment gateway.

On receipt of request from applicants who do not have USER_ID and initial PASSWORD, it will be communicated to the bidder (through-e-mail) and will be allowed to participate in the tender through OIL’s e-Procurement portal on payment of requisite tender fees. No physical tender documents will be provided. USER_ID AND INITIAL PASSWORD WILL BE ISSUED TILL ONE WEEK PRIOR TO THE BID CLOSING DATE.

PSU’s and SSI units registered with NSIC claiming exemption from payment of tender fee should submit their request with all credentials at least 7 days prior to bid closing date for participation in the tender

3.0 Please note that all tender forms and supporting documents are to be submitted through OIL’s e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribed with Tender no. and Due date to Head-Calcutta Branch, Oil India Limited, 4, India Exchange Place, Kolkata – 700 001 only on or before the Bid Closing Date and Time mentioned in the Tender.

a) Original Bid Security

b) Detailed Catalogue (if any)

c) Any other document required to be submitted in original as per tender requirement

All documents submitted in physical form should be signed on all pages by the authorised signatory of the bidder and to be submitted in triplicate

- 4.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the NIT or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in rejection of its offer without seeking any clarifications.
- 5.0 All the Bids must be Digitally Signed using “Class 3” digital certificate (e-commerce application) with organisation name 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.
- 6.0 Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before the bid closing date and time failing which the offer shall be rejected.
- 7.0 Bid must be submitted electronically only through OIL’s e-procurement portal. Bid submitted in any other form will be rejected.
- 8.0 The tender shall be governed by the Bid Rejection & Bid Evaluation Criteria given in enclosed Annexure-II. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria contradict the Clauses of the tender and / or “General Terms & Conditions” as per Booklet No. MM/CALCUTTA/E-01/2010 for E procurement (LCB Tenders) to General Terms and Conditions for Indigenous E-Tender elsewhere, those in the BEC / BRC shall prevail.
- 9.0 To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.
10. Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.

NOTE:

- 1. Bidders should submit their bids explicitly mentioning compliance / non compliance to all the NIT terms and conditions.**
- 2. PSUs and SSI units are provided tender documents Free of Cost (as per govt guidelines), however they have to apply to OIL's designated office to issue the tender**

documents before the last date of sale of tender document mentioned in the tender. SSI unit to submit valid NSIC certificate specifying the tendered item or its equivalent in their manufacturing range.

3. Bids are invited under Single Stage Two Bid System. Bidders shall quote accordingly under Single Stage Two Bid System. Please note that no price details should be furnished in the Technical (i.e. Unpriced) bid. The “Unpriced Bid” shall contain all techno-commercial details except the prices, which shall be kept blank. The “Price Bid” must contain the price schedule and the bidder’s commercial terms and conditions.

Yours Faithfully,

Sd-
(G. C. Sarma)
SMM(P)
For Head-Calcutta Branch



OIL INDIA LIMITED
(A Government of India Enterprise)
4, India Exchange Place, 4th floor,
Kolkata 700001,
West Bengal (India)

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ANNEXURE-II

Tender No& Date : SKI8551P16 /04

Dated : 11.09.2015

OIL INDIA LIMITED invites Indigenous tenders for items detailed below:

TECHNICAL SPECIFICATIONS WITH QUANTITY

SI No. & MATERIAL CODE NO.	MATERIAL DESCRIPTION.	QUANTITY	UNIT
10 ----- 0C000103	SUPPLY ,ERECTION ,COMMISSIONING , TESTING OF ELECTRICALLY OPERATED OVERHEAD TRAVELLING CRANE OF CAPACITY 20/10 TONNES FOR BOP SERVICING WORKSHOP AT DULIAJAN	1	NO.
20	INSTALLATION & COMMISSIONING	01	AU

Details Specification for Item 10:-

Annexure – A

ELECTRICALLY OPERATED DOUBLE GIRDER OVER HEAD TRAVELLING CRANE FOR CMT WORKSHOP AT DULIAJAN

Design, Construction, Supply including base rail, Erection, Commissioning and Testing of EOT crane as per latest edition of IS 3177/807/800 for the following details.

1. No. of Crane : 1 (One) No.
2. Duty or class of Crane : Class II as per latest edition of IS3177/807 of Indoor Operation
3. Main hoist (Speed) : 1.5 – 2 mts/min
4. Auxiliary hoist (Speed) : 1.5 - 2 mts/min
5. Cross Travel : 10 mts (max.) mts/min
6. Long Travel : 20 mts (max.) mts/min
7. Type of Control : The EOT Crane shall be controlled from moving type pendent push button station from the floor, throughout the span of the crane at 110 volts.
The pendant switch shall be capable of with standing rough handling without – being damaged and the cover shall be effectively secured.
8. Capacity/Safe working load in tons:
9. i) Main hoist : 20 T
10. II) Auxiliary hoist : 10 T
11. Span: 10M (approx) supplier to determine span accurately)
12. Lift: 7.25M (approx) supplier to determine span accurately)
13. Suspension of Pendant Switch : The mass of the pendant shall be supported independently of the electric cable by means of chain or wire rope. If the pendant is of metal, it shall be effectively earthed.
14. Rope Drum : M.S. Plate rolled & fabricated, flanged, left hand / right hand helical grooved.
Brakes : Electro Hydraulic Thruster Brakes should be provided for all motions. The Brakes should be as per relevant IS Standards.
15. Gear Box : All gear box are totally enclosed helical / spur gear, splash lubricated as
per IS :4460 or reputed make.
16. Girder : Plate box type double girder fabricated from tested M.S. Plate IS :2062
17. End carriage : Box type M.S. Fabricated from rolled steel, M.S. Plate as per IS :2062
Buffers : Rubber for end carriage and trolley

18. Crab Trolley : M.S. Fabricated, box type as per IS : 2062
19. Plat form : All through (span wise) checkered plate plat form with toe guard, hand railings shall be provided, in addition, 2 short platforms shall be provided at both ends of the opposite side for maintenance of power feeding system & L.T. wheels.
20. Couplings : Geared type flexible coupling for output shaft and brake drum type couplings for input shaft, of reputed make, should be provided.
21. Wheel : Double flanged, made of carbon steel case, hardened to 230 – 250 BHN on thread, each fitted with two nos of bearings on 'L' Type wheels.
22. Wire Rope : USHA MARTIN make, fibred core, galvanised, 6x36/6x37 const. Wire rope is to be used.
23. Bearing : Bearings should be of SKF/FAG/NTN make
24. Lifting hooks: Standard plain shank type trapezoidal section hooks shall be used. These hooks should conform to the relevant Indian Standard specifications IS: 3815 (latest) and IS: 8610 (latest).

25. DETAIL OF ELECTRICAL PART OF THE CRANE SYSTEM

- A. Power Supply and Control supply : All power equipment shall be suitable for operation on 415 volts, 3 Phase, 50 HZ power supply. Voltage to be used for brake magnet, control circuit & lighting should be indicated and should be as per I.S. Control supply shall be 110v AC.
- B. Motors : Motors for main hoist, auxiliary hoist, cross travel and long travel shall be of TEFC weather proof type with 6/8 poles, class F insulation, IP -55 protection and shall be suitable for crane duty service. The motors shall conform to IS: 325 latest edition. The motors rating shall be minimum 15% higher than the respective absorbed powers required for full rated capacity load handling. The bidder to give calculations for motor size along with the offer. Squirrel cage rotor type motor shall be preferred wherever possible. However, depending upon type of load and requirement wound rotor type motor will be acceptable.
- C. Make : Crompton Greaves/ Bharat Bijlee/ Siemens/ Kirloskar/ NGEF/ABB
- D. Control Panel: Control panels, shall be of dust & vermin proof enclosure having cubical door, hinged & lockable. These shall be fabricated out of minimum of 14 gauge sheet steel. All necessary equipments shall be mounted inside the cubicle. Panel shall conform to IS. All components, cables shall be marked with labels, tags, ferrules etc. Protection level of enclosure shall be minimum IP -54. The control supply for pendant type push button should be through RCCB (100 mA) and MCB as backup. Indicating lamps, LED type of Binay/Siemens/Telemecanique make shall be provided for power supply OK for each phase in control panel.
- E. Controller: Pendant type controller shall be provided for operation from floor. Controller enclosure shall be heavy duty industrial grade type, with suitable hanging arrangement to avoid stress on cable. Controller shall have all push buttons for operation, Stay put type emergency controller, ON/OFF switch, Power ON indicating Lamp. LED type of lamp of Binay/Siemens/Telemecanique make shall be used.

F. Limit Switches: All motions such as over hoisting/ lowering, long/ cross travel shall be protected with heavy duty limit switches. The limit switches shall be provided for hoist motion to have proper backup protection. All limit switches shall be heavy duty type, enclosed and rated for crane duty. Make of Switches: Cutler Hammer/ Siemens

G. Cables: The control wires shall be PVC insulated, multi-stranded, 1100 V grade & minimum 2.5 sq mm size & conforming to IS: 694. Power cables for motors will be PVC insulated, PVC sheathed, heavy duty cable conforming to IS: 1554/ 694. Conductor material for control & power cable shall be stranded/flexible copper as required.

H. Earthing & Safety: All the equipments / devices shall be complete with safety devices as applicable for safe operation & maintenance of the crane as per IS: 3177 and other applicable IS with latest amendments. Adequate earthing shall be provided as per regulations and Indian Standards (IS: 3043). Bidder will provide one suitably rated switch (consisting of a suitably rated 4 pole MCCB, with padlocking facility-description of the MCCB is given below) at a convenient location for operation from ground level for safe shutdown of crane supply in case of maintenance. The party shall supply power cable from this switch to the overhead wire system of the crane. OIL will supply the power cable required for input supply to this switch. Party will arrange for earthing of this switch. The switch enclosure shall be of sheet steel/SS complete with mounting arrangement and cable boxes. Switch shall be painted with red paint and shall be mounted at suitable location.

Switch (MCCB) make: Schneider/Legrand/ABB/Siemens/Indo-Asian/L&T with the following description:

Suitably rated, 415V (Ue), 690V (Ui), 36 kA or above breaking capacity rated four pole fixed type Moulded case circuit breaker, (electronic/microprocessor controlled) with adjustable settings [long delay (0.4-1.0 In)/short delay (1.5-10 long delay setting)/ground fault (0.1-1.0 In) with individual time settings] with separate earth leakage module. Earth leakage module shall have range of 0.03-3.0 Amps and 0- 3 seconds, both current and time in adjustable steps. The earth leakage protective device may be either a CBCT + EL module combination or a separate, but MCCB mountable EL module. The MCCBs shall conform to IEC60947-2/IS 13947-2, tropicalized to Class-II (high humidity). Make: Schneider/ Legrand/ Siemens/ ABB /Indo-Asian/L&T. The MCCB shall have padlocking facility.

I. Bidder will have to supply & install suitable type of insulated, colour coded overhead wire system for the crane power supply. Conductor material – solid hard drawn copper conductor complying to IS: 282. Conductor size shall not be less than 25 sq mm.

J. Bidder will have to give an undertaking with their offer stating that the design & selection of the crane electrics will ensure that the crane can safely lift & move the specific working load.

K. All motors and control circuits shall be protected with HRC fuses, suitably rated MCCBs, MCB, RCCB, overload relays as per IS. All contactors, overload relays, fuses etc. used in the control panel shall be of Schneider/ Legrand/ Siemens/ ABB /Indo-Asian/L&T.

L. Minimum one set of all types of MCCBs, MCBs, RCCBs, contactors, MPCB (if used) and relays, fuses, indication lamps etc. (as per BoM approved by OIL) of all rating as used in the motor power and control system shall be supplied with the crane as

standard spares. Contactors, relays etc. shall be complete with aux contacts, terminal blocks as fitted in the panel. Cost of these spares shall be included in the crane package.

M. Make of all components:

- (i) Switchgear, relays, MPCB: Schneider/ Legrand/ Siemens/ ABB /Indo-Asian/L&T
- (ii) HRC Fuses and assembly: GE/Bussman
- (iii) Indicating lamps: LED type of Binay/ Siemens/Telemecanique
- (iv) Drives: ABB/ Siemens/ Telemecanique (Group Schneider)
- (v) Push buttons, Control Switches: Siemens/Schneider
- (vi) Cables: Finolex/ Havells/ NICCO/NECAB/ Asian Cables/ CCI/ L&T
- (vii) MCB, RCCB: Schneider/ Legrand/ Siemens/ ABB /Indo-Asian. MCBs two pole type,
10kA breaking, C curve. RCCB- 30mA rating
- (viii) Control transformer: AE/ Siemens/ Kappa.

N. In case VFD/AC drive is used for operation then the drive should be industrial grade type and should have load and line end filter circuits for reduction of harmonics to acceptable level which do not cause any interference and affect the performance of other connected loads. Make of VFD/AC drives: ABB/ Siemens/Telemecanique (Group Schneider)

O. Following documents are to be supplied with the offer for electrical part of the system.

- (i) Details of calculation for selection of motor type and rating.
- (ii) Detailed electrical schematic and wiring diagram showing ratings, nomenclature, wire nos. make etc. for complete electrical control system components, cables and components.
- (iii) Detail of all cables, motors, switchgear components, drives etc in tabular form. The detail should show ratings, part nos. make etc besides other details.
- (iv) Layout of all components, earthing system, cables etc.
- (v) Detail of overhead bus bar system with complete technical specs.
- (vi) The offer shall be rejected if the bidder does not submit the above documents in full detail and as per tender specs.

P. Following documents are to be supplied with the crane for electrical part of the system. These documents shall also be made available to OIL's representative for necessary review and modification at the time of inspection. One copy of these documents should be sent to OIL along with the inspection call.

- (i) Four sets of complete "as built" drawings for complete control system showing modifications, corrections incorporated during commissioning. The drawings should be complete in all respect.
- (ii) Four sets of detail of all cables, motors, switchgear components, drives, overhead busbar etc in tabular form. The detail should show ratings, part nos. make etc besides other details.
- (iii) Four sets of Layout of all components, earth system, cables etc.
- (iv) Test report and Guarantee certificate for motors, drives etc.

26. Inspection & Testing: All equipments / components shall be subjected to inspection / testing both during manufacturing and on completion by OIL representatives, at supplier's or his sub suppliers works. Supplier must obtain clearance

prior to dispatch from OIL's representative. However, the purchaser or his representative is free to institute any further checks also, if he so desires.

27. Commissioning: Complete erection (including base rail) and commissioning as well as load testing of the EOT at site will be under the purview of the supplier.

28. Guarantee/Warranty: The complete scope of supply shall be guaranteed for design, workmanship, material and performance for a period of 12 months from the date of commissioning or 18 months from the date of dispatch whichever is earlier. All defects and deficiencies which may arise during guarantee period and will be rectified / replaced to OIL's satisfaction by the supplier free of cost.

29. Paintings: Crane Material is to be supplied with one coat of red oxide primer. Two coats of synthetic enamel paints of approved shade of reputed make are to be painted after erection of the crane at site.

30. Certification: Material certificate for all supplied material and guarantee certificate from the date of final load testing will be required.

31. Site Condition: The crane will be required to be operated at the following site conditions :

Max. ambient Temp.	: 45 degree Centigrade
Min. ambient Temp.	: 5-7 degree Centigrade
Humidity	: 95%

Hence, the components of the crane should be designed considering above condition.

32 Documentation:

i) General arrangement drawing, showing to scale the elevation and plan view, indicating clearance, construction of bridge structure, hook approaches, height of lift, location of pendant, wheel base, wheel loads, wheel diameter, wheel spacing, over buffer dimensions, motor rating and absorbed power, speed for all drivers, arrangement of all the drives and other equipments installed on the crane, other technical characteristics, duty & class of the crane, ambient temp. etc. are to be furnished in details as per the enclosed Data Sheet.

ii) General layout drawing of the trolley etc.

iii) Following are to be furnished.

a) Speed torque characteristics of each drive.

b) Electrical equipment layout drawing.

c) Current collection arrangement for the crane

d) Lubrication arrangement for the complete crane

e) In addition to the above, OIL may ask for submission of other drawings, documents, structural, mechanical and electrical calculations of the crane for scrutiny and comments if required.

33. Spares: Two years maintenance spares, item wise must be quoted separately. **These will not be considered for evaluation.**

However electrical spares, as mentioned in Clause 25 (L) above, shall be supplied with the crane and cost of these shall be included in the crane package.

34. Lubrication:

- a) All gears and bearings enclosed inside gear boxes should be splash lubricated. Bottom blocks and pedestal bearings should have independent greasing points.
- b) A lubricating chart should be provided in the manual, indicating all lubrication points, the type of lubricants required and the recommended frequency of lubrication. These details should be repeated and amplified if necessary, in the maintenance manual to be supplied along with the crane minimum two nos. of hard copies.

Annexure B

TECHNICAL DATA SHEET (MECHANICAL)

- 1 Safe Working Load Main hoist –
Auxiliary hoist-
- 2 No. offered
- 3 Type of Crane
- 4 Supplier / Make
- 5 Capacity (t)
- 6 Span (m)
- 7 Duty Class

- 8 Speed (normal & Creep) / Min (loaded)
 - (a) Main hoist & creep
 - (b) Aux. hoist & creep
 - (c) Cross travel
 - (d) Long travel

- 9 Height of lift (m)
 - (a) Main Hook – above floor
- Below floor
 - (b) Aux. Hook – Above floor
Below floor
- 10 Crane rail height above floor (m)
- 11 Max wheel load (t)
(without impact)

- 12 Type of hook
 - (a) Main hook
 - (b) Aux. hook
- 13 Location (Indoor / Outdoor) indoor

- 14 Hook approaches (m)
 - (a) Main hook
 - (b) Aux. hook

- 15 No. of rope falls, dia, construction & breaking strength for

- (a) Main hook
- (b) Aux. hook
- 16 Gantry rail size
- 17 Crab rail size
- 18 Over buffer dimension (m)
- 19 Wheel base
- 20 Wheel diameter for
 - (a) LT Wheel
 - (b) CT Wheel
- 21 Handling attachments
- 22 Special features
(weighing device etc)
- 23 Motor: (Type, kW, rpm, enclosure etc.)
- 24 Type of control for each motion with corresponding characteristic curve
- 25 Minimum working clearance as per OIL drawing
 - (i) Distance from centre of gantry rail to nearest side obstruction, in mtrs
 - (ii) Vertical distance from top of gantry rail in mtrs
 - (iii) Distance from floor to top of gantry rail in mtrs
 - (iv) Nearest position of hook to centre line of gantry rail :
 - Main hoist:
 - (i) Cabin end:
 - (ii) Other end
 - Auxiliary hoist:
 - (i) Cabin end:
 - (ii) Other end:
 - (v) Vertical clearance to under side to underside of bridge
- 26 Method of obtaining creep speed
- 27 Power supply
 - Electric equipment specification
- 28 Control voltage
- 29 Ambient temp / Environment
- 30 Total weight of crane (t)
- 31 Break up of crane weight (t)
 - (a) Structural
 - (b) Mechanical
 - (c) Electrical
- 32 Total weight of the crab (t)
- 33 Height of hook above floor level:
 - (i) Main hook:
 - (ii) Aux. hook:
- 34 Drop of hook below floor level:
 - (i) Main hook:
 - (ii) Aux hook:

- Mtrs.....
Mtrs
- 35 Section of gantry rail recommended:
36 Type of main girder
(i) Braced box, plate or rolled steel joist
(ii) Riveted or fusion welded
37 End carriages:
(i) Wheel box
(ii) Material of travelling wheels
(iii) Maximum load excluding impact of travelling wheels
(iv) Wheel diameter & hardness Mtrs...
- 38 Type of platform provided, number, length & width
39 Crab:
(i) Centre of traverse wheels....
(ii) Material of traverse wheels.....
(iii) Wheel dia and hardness
....mtrs
40 Code of design
- 41 Details of swiveling/rotating arrangement, if any, along with scheme
42 Any other information

1. SPECIAL TERMS FOR ERECTION OF CRANE

- (a) Construction of the BOP shed is nearing completion, Erection job of EOT can be carried out without delay. Commissioning job must start as soon as the materials reached at site.
- (b) Bidder has to arrange /provide load for testing of EOT crane at site, CMT(SHOP), DULIAJAN, ASSAM.
- (c) Accommodation & transportation for supplier's personnel for installation & commissioning at Duliajan are to be arranged by the supplier.
- (d) Bidder if felt necessary may visit the site prior to their offer for accuracy in measurement for designing purpose of the crane.
- (e). The bidder must agree to train up operation of the crane to Oil's personnel before formally handing over the EOT crane.
- (f) If felt necessary in future bidder may be required to enter maintenance contract for the crane.

2. TERMS FOR PAYMENT

Payment has to made in the following four phases

- a. Design, construction and supply of EOT crane and base rail in first phase with 50% payment.
- b. Erection of EOT crane and base rail at site i.e. CMT (Shop) , Duliajan, in second phase with 20% payment.
- c. Commissioning of EOT crane at site i.e. Duliajan, Assam in third phase with 20% payment.
- d. Testing and handling over in fourth phase with 10% payment.

3. TERMS FOR SAFETY AND SECURITY.

- (a) Bidder should be responsible for safety of all personnel engaged by them and also safety of the Company's personnel and property involved during erection, commissioning and testing.
- (b) Bidder has to follow strictly all the provisions under Oil Mines Regulation, 1984 and other safety related to execution of work.
- (c) The bidder should ensure that all men engaged by him / her are provided with appropriate protective clothing and safety wear like helmets, hand gloves, safety belts, safety boots, welding mask & goggles, hand gloves for electrical jobs etc in accordance with regulation 89 (a) & 89 (b) in Oil Mines Regulation 1984.
- (d) Security of the items during storage/commissioning etc will be the sole responsibility of the supplier.

BID EVALUATION CRITERIA/BID REJECTION CRITERIA

The following BRC/BEC will govern the evaluation of the bids received against this tender. Bids that do not comply with stipulated BRC/BEC in full will be treated as non responsive and such bids shall prima-facie be rejected. Bid evaluation will be done only for those bids that pass through the "Bid Rejection Criteria" as stipulated in this document.

Other terms and conditions of the enquiry shall be as per General Terms and Conditions vide MM/CALCUTTA/E-01/2010 for E-Procurement LCB Tenders. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (BRC / BEC) contradict the Clauses of the tender or MM/CALCUTTA/E-01/2010 elsewhere, those in the BRC / BEC shall prevail.

BID REJECTION CRITERIA (BRC):

The bids shall conform generally to the specifications and terms as well as conditions laid out in the tender. Bids will be rejected in

case the items offered do not conform to the required parameters stipulated in the technical specifications and to the respective international/national standards wherever stipulated. Notwithstanding the general conformity of the bids to the stipulated specifications and terms and conditions, the following requirements will have to be met by the bids, without which, the same shall be considered as non-responsive and stand rejected.

A – TECHNICAL

Bid should be complete in all aspect covering the entire scope of supply and should conform to the technical specifications indicated in the bid documents duly supported with technical catalogues/ literatures. Incomplete and non-conforming bids will be rejected outright.

1.0 BIDDER'S EXPERIENCE

- i) Bidder must have experience of completing at least **one order** against supply and commissioning of EOT crane of minimum rating of 15 Ton and value of the order should not be less than **Rs. 11.82 lakhs** to any Govt., Semi Govt. or any reputed Private Company during the last **3 years** as on bid closing date. Documentary evidence in support of execution of the order along with the performance certificate of such supplied cranes should be submitted from the customer of the crane along with the bid. Otherwise offer will not be considered for evaluation.
- ii) The bidder should have 'in-house' or 'self-owned' facility for TESTING at the rated capacity. Documentary evidence must be submitted.
- iii) Bidder must confirm that the items supplied shall be brand new, unused and free from any defect. Defective item, if any shall be replaced by the bidder at their own cost.
- iv) Bidder must ensure engagement of Govt, authorized competent person for certification of the same for inspection and load testing at site i.e. CMT (SHOP), DULIAJAN, ASSAM as per Govt. rules. Certificate of load testing (certified by authorized competent person) has to be submitted along with the commissioning report.
- v) The offered EOT crane should be specifically designed to suit the structure (as per OIL Drg. No.4458 to 4470) and for installation of the same.
- vi) Bidder must submit filled in data sheet & Technical check list as per Annexure II.
- vii) The offer must be submitted along with product catalogue and data sheet in original.
- viii) Bidder must ensure after sales service and agree for supplying maintenance spares for 10 years after commissioning of the crane.

- ix) OIL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false /incorrect the offer shall be rejected.

2.0 FINANCIAL:

2.1 The Annual financial turnover of the firm in any of the last 03 financial years or current financial year should not be less than **Rs 39.39 lacs**. In support of annual financial turnover, any one of the following documents/photocopies (self attested/attested) must be submitted along with the bid:

- ▶ A certificate issued by a practicing chartered/cost accountants firm with membership no. certifying the annual turnover and nature of business.
- ▶ Audited balance sheet and profit & loss account.

B:COMMERCIAL

- i) Bids are invited under **Single Stage Two Bid System**. Bidders shall quote accordingly under Single Stage Two Bid System. **Please note that no price details should be furnished in the Technical (i.e. Unpriced) bid.** The “Unpriced Bid” shall contain all techno-commercial details except the prices, which shall be kept blank. The “Price Bid” must contain the price schedule and the bidder’s commercial terms and conditions.
Bidder not complying with above submission procedure will be rejected.

- ii) **Bid security in the form of Demand Draft / Bank Guarantee as per format given in the LCB booklet MM/CALCUTTA/E-01/2010 of Rs 40,000.00** shall be submitted manually in sealed envelope superscribed with BID SECURITY AGAINST Tender no. **SKI8551P16 dated 11.09.2015** to **Head Calcutta Branch, Oil India Limited, 4 India Exchange Place, Kolkata - 700001** only on or before the Bid Closing Date and Time mentioned in the Tender. **If bid security in ORIGINAL of above mentioned amount is not received within bid closing date , the bid submitted through electronic form will be rejected without any further consideration.**

In lieu, Bid Security of **Rs. 40,000.00** can also be paid online through our e-procurement portal as per procedure given in user manual in OIL’s e-procurement portal.

For exemption for submission of Bid Security, please refer relevant para of General Terms and Conditions vide MM/CALCUTTA/E-01/2010 for E-Procurement LCB Tenders.

The Bid Security shall be valid for 180 days more than the Bid validity, i.e., for 300 days from the date of bid opening.

- iii) Bidders must confirm that Goods, materials or plant(s) to be supplied shall be new of recent make and of the best quality and workmanship and shall be guaranteed for a period of twelve months from the date of successful

commissioning against any defects arising from faulty materials, workmanship or design. Defective goods/materials or parts rejected by OIL shall be replaced immediately by the supplier at the supplier's expenses and no extra cost to OIL.

- iv) The prices offered will have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.
- v) Successful bidder will be required to furnish a **Performance Bank Guarantee @10%** of the order value. For exemption for submission of Performance Bank Guarantee, please refer relevant para of General Terms and Conditions vide MM / CALCUTTA / E-01 / 2010 for E – Procurement LCB Tenders. The

Performance Bank Guarantee must be valid for one year from the date of successful commissioning of the equipment or 18 months from the date of despatch whichever is earlier. Bidder must confirm the same in their bid.

Offers not complying with this clause will be rejected.

The validity requirement of Performance Security is assuming despatch within stipulated delivery period and confirmation to all terms and conditions of order. In case of any delay in despatch or non-confirmation to all terms and conditions of order, validity of the Performance Security is to be extended suitably as advised by OIL.

The Bank Guarantee should be allowed to be encashed at all branches within India.

- vi). Bids received after the bid closing date and time will be rejected. Similarly, modifications to bids received after the bid closing date & time will not be considered.
- vii). Validity of the bid shall be minimum 120 days from the Bid Closing Date. Bids with lesser validity will be rejected.
- viii). Bids containing incorrect statement will be rejected.
- ix). All the Bids must be Digitally Signed using “Class 3” digital certificate (*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. The bid signed using other than “Class 3” digital certificate, will be rejected.

C. GENERAL:

- i) The Compliance statement must be filled up by bidders and to be submitted/uploaded along with their bids. In case bidder takes exception to any clause of the bidding document not covered under BEC/BRC, then the Company has the discretion to load or reject the offer on account of such exception if the bidder does not withdraw/modify the deviation when/as advised by Company. The loading so done by the company will be final and binding on the bidders.

- ii) If any of the clauses in the BRC contradicts with other clauses of bidding document elsewhere, then the clauses in the BRC shall prevail.

2.0 BID EVALUATION CRITERIA (BEC):

A. TECHNICAL:

The bids conforming to the technical specifications, terms and conditions stipulated in the bidding document and considered to be responsive after subjecting to Bid Rejection Criteria (BRC) will be considered for further evaluation as per the Bid Evaluation Criteria given below.

- i) In the event of computational error between unit rate and total price, the unit rate as quoted by the bidder shall prevail.
- ii) Similarly in the event of discrepancy between words and quoted figure, words will prevail.
- iii) Evaluation will be done on 'total contract cost' basis to ascertain the lowest bid.
- iv) Bid will be evaluated on the basis of quoted price inclusive of all including installation /commissioning except the cost of maintenance spares required for two years.

B. COMMERCIAL:

- i) To evaluate the inter-se-ranking of the offers, Assam entry tax on purchase value will be loaded as per prevailing Govt. of Assam guidelines as applicable on bid closing date.
Bidders may check this with the appropriate authority while submitting their offer.
- ii) To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in to must be received on or before the dead line given by the company, failing which the offer will be summarily rejected.
- iii) To ascertain the inter-se-ranking, the comparison of the responsive bids will be made as under, subject to corrections / adjustments given herein:
 - (A) Total material cost of Main Equipment:
 - (B) Total cost of tools/tackles/accessories/mandatory spares/ repair kit
for commissioning
 - (C) Total Material Cost,(A+B)
 - (D) Packing and Forwarding Charges

- (E) Total Ex-works value, (C+D+E) above :
- (F) Excise Duty including Cess
- (G) Sales Tax, (Please indicate applicable rate of Tax)
- (H) Total FOR Despatching station price, (F+G+H) above
- (I) Road Transportation charges to Duliajan
- (J) Insurance Charges @0.5% of Total For Despatching Station Value (I) above
- (K) Assam Entry Tax
- (L) Total FOR Duliajan value, (I+J+K+L) above
- (M) Installation/Commissioning Charges including Service Tax, if any :
- (N) Training Charges including Service Tax, if any :
- (O) Grand Total value, (M+N+O)

Standard Notes:

- A. The original bid security (Amount is mentioned above and also in Basic Data of the tender in OIL's e-portal) should reach us before bid closing date and time. Bid without original Bid Security will be rejected (except for the bidders who has paid the same online). The bidders who are exempted from submitting the Bid Bond should attach documentary evidence in the Collaboration folder as per General Terms and conditions for e-Procurement as per Booklet NO. MM/CALCUTTA/E-01/2010 for E-procurement (LCB Tenders).**
- B. "General Terms & Conditions" for e-Procurement as per Booklet NO. MM/CALCUTTA/E-01/2010 for E-procurement (LCB Tenders).**

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