



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

TELEPHONE NO. (033) 22301657  
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Email: kolpur1@oilindia.in

**FORWARDING LETTER**

Tender No & Date : **SKI3013P17**      **Date: 18.11.2016**

Tender Fee : **Rs 1,000.00**

Bid Security Amount : **Rs 5,25,500.00**

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 : Not Applicable

Delivery Required : **At DULIAJAN, ASSAM**

OIL invites Bids for **Heavy Duty Pipe & Solid Bar (Round Metal) Straightening Machine - 1 no. along with Installation, Commissioning & Training 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-01/2016. 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:

SLNO & MATERIAL CODE NO.	MATERIAL DESCRIPTION.	QUANTITY	UNIT
10 ----- 0C000368	<b>Heavy Duty Pipe &amp; Solid Bar (Round Metal) Straightening Machine</b>	1	No.
20	<b>Installation, Commissioning &amp; Training</b>	1	AU

**The tender will be governed by:**

- a) "General Terms & Conditions" for e-Procurement as per Booklet NO. MM/CALCUTTA/E-01/2016 for E-procurement (LCB Tenders).
- b) Technical specifications with BEC/BRC and Qty. as per **ANNEXURE II** .
- c) The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area -> Tender Documents.
- d) 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).
- e) 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 Vendors having OIL's User ID & password may pay Tender Fee on-line through OIL's electronic Payment Gateway upto one week prior to the Bid closing date (or as amended in e-portal).

Vendors who do not have OIL's User ID & password, may generate User ID & password online by the Vendor by using the link for supplier enlistment given in OIL's e-tender portal and then pay Tender Fee on-line through OIL's electronic Payment Gateway upto one week prior to the Bid closing date (or as amended in e-portal).

Alternatively application showing full address/email address with Tender Fee (Non-refundable) of Rs. 1,000.00 in the form of crossed "Payee Account only "Bank Draft/Bankers' Cheque drawn by Bank and valid for 90 days from the date of issue of the same or in the form of Indian Postal Orders payable to the OIL is to be sent to DGM-Calcutta Branch, Oil India Limited, 4, India Exchange Place, Kolkata - 700 001.

Application shall be accepted only upto one week prior to the Bid closing date (or as amended in e-portal). The envelope containing the application for participation should clearly indicate "REQUEST FOR ISSUE OF USER ID AND PASSWORD FOR E TENDER NO ....." for easy identification and timely issue of user ID and password. On receipt of requisite tender fee, 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. Details of NIT can be viewed using "Guest Login" provided in the e-Procurement portal. The link to e-Procurement portal has been also provided through OIL's web site [www.oil-india.com](http://www.oil-india.com).

For exemption for tender fee, please refer Clause No. 3.3 (Section A) of "General Terms & Conditions" for e-Procurement as per Booklet No. MM/CALCUTTA/E-01/2016 for E-procurement (LCB Tenders).

- 2.0 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 **DGM-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 except online payment.
  - b) Detailed Catalogue (if any)
  - c) Any other document required to be submitted in original as per tender requirementAll 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 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.

9. For technical support on various matters viz. Online registration of vendors, Resetting of Passwords, submission of online bids etc, vendors should contact OIL's ERP MM Deptt at following: Tel Nos = 0374-2807178, 0374-2807171 , 0374-2807192. Email id = erp\_mm@oilindia.in
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. The tender is invited under SINGLE STAGE-TWO BID SYSTEM. Bidders shall quote accordingly under Single Stage Two Bid System. The bidder has to submit both the "TECHNO-COMMERCIAL UNPRICED BID" and "PRICED BID" bid through electronic form in the OIL's e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender.**

**2.1 In Technical Bid opening, only Technical Rfx will be opened. Therefore, the bidder should ensure that "TECHNO-COMMERCIAL UNPRICED BID should contain details as mentioned in the technical specifications as well as BEC/ BRC , techno- commercial details including quantity offered except prices which shall be kept blank and upload the same in the Technical Rfx Response-> User - > Technical Bid. No price should be given in above Technical Rfx otherwise the offer will be rejected. Please go through the help document in details before uploading the document and ensure uploading of technical bid in the Technical Rfx Response-> User - > Technical Bid only. The "PRICE BID" must contain the price schedule. The prices of the items should be quoted as per the format and uploaded as Attachment under the attachment option under "Notes & Attachments". Priced bids of only those bidders will be opened whose offers are found to be techno-commercially acceptable.**

Yours Faithfully,

Sd-

(G. C. Sarma)

CMM(P)

For DGM-Calcutta Branch



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

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**ANNEXURE-II**

Tender No& Date : SKI3013P17 DATED 18.11.2016

**OIL INDIA LIMITED invites Indigenous tenders for items detailed below:**

**TECHNICAL SPECIFICATIONS WITH QUANTITY**

SLNO& MATERIAL CODE .	MATERIAL DESCRIPTION.	QUANTITY	UNIT
10 ----- OC000338	Heavy Duty Pipe & Solid Bar (Round Metal) Straightening Machine	1	NO.
20	INSTALLATION & COMMISSIONING	1	AU

**Details Specification for Item 10:-**

**SPECIFICATION OF BRAND NEW HEAVY DUTY PIPE & SOLID BAR (ROUND METAL) STRAIGHTENING MACHINE :**

**1.0 SCOPE OF SUPPLY**

1.1 Supply of one no. brand new heavy duty Pipe & solid bar (round metal) straightening machine with all accessories complete.

1.2 The scope of work also includes supply, installation & commissioning and imparting training of the brand new heavy duty Pipe & solid bar (round metal) straightening machine complete along with all accessories.

2.0 DETAILED SPECIFICATION OF BRAND NEW HEAVY DUTY PIPE & SOLID BAR (ROUND METAL) STRAIGHTENING MACHINE:

SI. No.	Features	Requirements	Response of bidder in YES/NO
1	Design	<ul style="list-style-type: none"><li>i) Machine should be sturdy and heavy duty in nature</li><li>ii) Machine should be easy to run and user friendly.</li><li>iii) Machine should be able to straighten Line Pipe API5L, Drill Pipe API5DP &amp; solid bar (round metal)</li><li>iv) Machine should be energy efficient &amp; environment friendly</li></ul>	
2	For pipe straightening purpose	<p>Machine should be able to handle pipes with following specifications:</p> <ul style="list-style-type: none"><li>i) Pipe Nominal Diameter: 100mm to 150mm</li><li>ii) Pipe specification: API 5L Grade</li><li>iii) Pipe wall thickness: minimum 6.3mm(1/4") to 22mm (Schedule XXS) or above</li><li>iv) Length of the pipe : Up to 12 meter</li><li>v) Material: Steel</li><li>vii) Acceptable Accuracy Limit : Pipe deviation from a straight line shall not exceed 0.5mm per meter</li></ul>	
3.	For Drill Pipe straightening purpose	<ul style="list-style-type: none"><li>i) 100mm to 150mm diameter</li><li>ii) Pipe specification: API 5DP</li><li>iii) Length of the pipe : Up to 12 meter</li><li>iv) Material: As per API 5DP</li></ul>	

v) Acceptable Accuracy Limit  
: Pipe deviation  
from a straight line shall  
not exceed 0.5mm per meter

4. For bar  
solid round metal)  
straightening  
purpose  
Machine should be able to  
handle bars with following  
specifications:
  - i) Material: EN8, EN24,  
MS,SS
  - ii) Size: 50mm (2")  
(inclusive)to 152 mm (6")  
or above
  - iii) Length: Up to 6000 mm
  - iv) Accuracy: Maximum deviation  
allowed is 0.5mm per meter
5. Maximum  
straightening  
limit of bend  
degree  
5 to 8 degree per meter
6. Approximate  
dimension of  
the machine  
Bed length:  
Suitable for 12000 mm  
Pipe length.  
Work height (approx.):  
1000 to 1250mm  
  
Width of machine (max):  
3000 mm
7. Operations
  - i) The machine should be  
operated by electrical  
motor (s).
  - ii) Loading system:  
Manual/ mechanical
  - iii) No surface damage of  
pipe/ bar should occur  
during straightening process.
  - iv) Details of cooling  
system, pump, motor etc.  
to be submitted along

with the bid.

8. Power Input

Voltage: 415V

Phase: 3

Frequency: 50 HZ

9. Motor

- i) The motor should be of reputed make: NGEF/Bharat Bijlee/Siemens/ Crompton
- ii) Bidder to provide detailed specifications of motor(s)
- iii) HP/KW & RPM: Bidder should specify.

Greaves/ABB/Kirloskar.

10. Starter

A. General notes on the starter:

I. The starter shall be placed inside safe area and hence is not required with FLP enclosure. Neutral shall not be used, as the source (generator) shall be grounded with high resistance.

II. Starter shall be fully automatic star-delta type starter. It shall be non draw out type.

III. Starter shall be self mounting on sturdy angle iron frame. Mounting frame and enclosure of the starter panel shall have specifications as follows:

a) Panel shall be sheet steel clad, cubicle type, made of 2.0 mm thick MS CR sheet. It shall be suitable for operation from the front. Panel shall be dust /vermin proof and weatherproof (IP 55).

Ventilation louvers shall be provided on both sides; however, louvers shall be shielded with fine wire mesh (inside the panel). Special non-deteriorating Neoprene r rubber gaskets shall be provided between all joints. Panel door shall be provided

with single turn latches for opening / closing and locking arrangement. Danger plates shall be fitted on front and back of the panel. Bottom detachable gland plates made from 2.0 mm thick MS CR sheet shall be provided for all cable entries. Height of bottom detachable gland plate shall be 450 mm from floor level.

b) The entire metal work shall be treated with minimum nine tank anti-rust/anti-corrosion treatment as per IS and then powder coated in DA Grey color. Painting thickness shall be minimum 50 micron.

c) Internal earthing shall be provided for all equipment having earthing terminal and panel doors with suitably rated, PVC insulated, flexible copper earth wires or copper braids of suitable rating as per IS. Earthing terminals of the components shall be suitably connected to an earth bus inside the panel. The earth bus shall be connected to the panel at two places with suitable GI hardware. Double earthing studs on two sides(both inside and outside) complete with suitably sized zinc plated & passivated double nuts and spring washers shall be provided on the panel.

d) The size of the panel shall not be more than 400mm (W) x 400mm (D) x 600mm (H). Total height of the starter including stand shall not exceed 1200 mm.

e) The frame of the panel shall be sufficiently strong, welded structure of suitably sized MS angle/channel of sufficient strength with vibration dampers.

The frame shall be mounted on a bottom structure made from suitably sized MS channel, with provision for grouting.

f) Panel shall be designed for Ambient of 45°C (Max)/ 5°C (Min) and Humidity-95% (Max).

g) Panel shall conform to IS: 8623 and IS: 13947.

IV. Bus bars/bus links of main power connections shall be minimum 100 A tinned copper bars.

V. The starter control shall have remote start/stop capability (with push button station near the motor). However, one local/remote selector switch shall also be provided in the starter so that the pump can be started in local mode, if required.

The remote starter supply voltage shall not be more than 30 V.

(As per CEA Regulations, 2010).

VI. Starter shall have adequate nos. of potential free NO/NC contacts for interlocking/instrumentation.

VII. Starter shall have Type '2' Co-ordination, breaking capacity 36 kA at 415 V, 3Ø, 50 Hz as per Standards IEC 60947-4-1, IS: 13947 (Part 4/Sec. 1), EN 60947-4-1

VIII. Protection: The starter shall have the following minimum but not limited to) protections:

a. Short Circuit (in-built in the MCCB)

b. Overload through Thermal bi-metallic overload relay

c. Earth-leakage: EL protection shall be provided with separate CBCT & ELR. The EL relay shall have indication LEDs, test push button, reset push button and shall be duly wired up to trip starter in case of earth leakage.

IX. Metering & indication: The panel shall have meters and indication for the following information. HRC Instrument Fuse Holders with suitably rated

HRC fuses shall be used for the circuitry:

a. Motor current (through Y phase only) in single phase digital ammeter with properly rated CT

b. Indications: LED type indicating lamps with complete fittings, with legend plate for "Motor On", "Motor Off", "Motor Trip on Fault".

X. Control cable size shall be 2.5 mm<sup>2</sup> for CT circuits, 1.5 mm<sup>2</sup> for others. Cable terminals shall be provided with suitably sized crimping lugs. All cables shall be 660/1100 V graded PVC insulated multi-stranded copper cable. Wires shall be properly marked with coloured and numbered ferrules. All wires shall have ferrule numbers for proper identification.

XI. Tinned copper brought out terminals shall be provided for all cable connections including terminals for remote push buttons and shall be supplied with tinned copper crimping lugs for each conductor of all cables.

XII. Legend plates (engraved aluminum, riveted) for the indication lamps, meters, control switches / buttons and labels for the terminals shall be provided.

XIII. Sufficient space shall be provided in the starter for cable termination, dressing and connecting cable leads to the brought out terminals.

XIV. Suitable cable entry arrangement with detachable gland plates and adequate nos. of single compression, heavy duty nickel plated brass glands shall be provided for terminating of 1 no. incoming (4x25 sq mm) and 2 nos. outgoing (size as per capacity of motor) 4 core, PVCA, aluminum cables including cables

for remote push buttons (3x2.5 sq mm, PVCA Cu.). All cable entries shall be from bottom and detachable gland plate for all cable entries shall be at a min. height of 450 mm from floor level. The sides of the cable entry box shall be parallel and not tapered.

**B. Components:**

- I. Incomer MCCB, (rating shall be according to motor rated power) with electronic trip unit (adjustable long time and short time with instantaneous trip, with individual time settings), 3P, 415 V AC, 36 kA breaking capacity with direct rotary handle- 01 no.
- II. 3 Pole contactors, AC3 normal life rating (shall be according to motor rating), with 415/240 VAC coil & 4NO+4NC contacts- 03 nos.
- III. Mechanical interlock for star/delta contactors
- IV. Thermal overload relay, range as per motor rating, direct mounting on MC contactor (as per manufacturer's listed product)
- V. Auxiliary contactor for energization by push button (start/stop) station, with sufficient NO/NC contacts, 30 VAC coil (or any specific design, so that PBS supply does not exceed 30 V) with sufficient VA capacity (rated/inrush)
- VI. Single phase Control transformer for PBS supply, 415 (or 240 V)/30 VAC or any specific design, so that PBS supply does not exceed 30 V) with sufficient

VA capacity (rated/inrush)

- VII. Electronic Timer with  
1 NO + 1 NC Contacts,  
(0-20) seconds
- VIII. Single phase digital  
ammeter, CT operated
- IX. CT for ammeter 50/5- 01  
no. in yellow phase
- X. Fuse holder 1 pole- as required,  
for control transformer, ELCB
- XI. HRC Fuse link cylindrical  
415 VAC, 80 KA fault level- Qty.  
as required
- XII. RCCB 2 pole for motor  
control circuit including PBS  
earth leakage protection,  
rating 25 A, 100 mA
- XIII. O/L lamp LED type -  
Yellow size 22.5 mm
- XIV. ON lamp LED type -  
Red Size 22.5mm
- XV. OFF lamp LED type-  
Green Size 22.5 mm
- XVI. Core balance current  
transformer in the outgoing  
cable from MCCB
- XVII. RCD for earth leakage  
tripping- Trip setting 0 mA to 3 Amps  
adjustable in preferred steps  
of 50/100mA steps. Time delay  
setting 0 to 5 s adjustable in  
preferred steps of 50/100ms.  
RCD trip signal will be connected  
in series with the motor overload  
circuit, so that in case of  
earth leakage, contactor  
will trip.
- XVIII. Power/ Control cable-  
as required
- XIX. Cable terminals &  
accessories- as required
- XX. Control TB: DIN Channel  
mounted
- XXI. Power TB: Stud type 4 pole

C. Makes of Components:

- I. MCCB: Merlin Gerin / Legrand /  
Siemens/ABB
- II. HRC Fuses / Fuse Holders: GE
- III. Contactors: Siemens / GE India

/Telemecanique (Schneider Group)/ABB

IV. OLR: Siemens / GE India /

Telemecanique (Schneider Group)

V. Electronic Time Delay Relay:

Siemens / GE India / Telemecanique

(Schneider Group)/ABB

MCCB, Contactors, overload relay

and timer shall be of same make

and shall be properly coordinated

for maximum protection.

VI. PBS: Siemens / L&T

VII. Ammeter: Automatic Electric/

Conzerv Pvt Ltd.

VIII. LED Type Indication Lamps:

Vinay / Technik/Siemens/L&T

IX. CTs: Kappa/ AE

X. Earth Leakage Relay: Merlin Gerin /

Legrand

XI. Local/Remote selector switch:

Siemens / L&T/ Kaycee/ Salzer

XII. RCBOs /MCBs /RCCBs: Legrand /

Merlin Gerin /Siemens

XIII. Terminal Blocks /

DIN Channel: Connectwell /Tosha

XIV. Wiring Cables: Finolex /Havell/

other reputed brands

XV. Lugs: Dowell

#### **D. Documents:**

I. Bidder shall furnish details of the electrical items in their offer as per the above specifications IN THE SAME ORDER. All of the above shall form part of the offer acceptability. Specific type and make of components should be mentioned clearly. No deviation shall be allowed at the time of supply and in such case the order will be cancelled without any liability to OIL. In case of such cancellation OIL may recover from the bidder the cost incurred by OIL in processing the tender till the time of cancellation.

II. The following documents shall

be submitted with the offer:

- a. GA and dimensional drawing of the starter panel.
- b. Component layout diagram
- c. Power and control circuit diagrams
- d. Bill of materials and technical details of various components of the Starter Control Panel.

III. The successful bidder shall obtain OIL's approval for the following drawings within a month of issue of LOI or placement of firm order:

- a. GA and dimensional drawing of all equipment
  - b. Power and control circuit diagrams
  - c. BOM
- Manufacturing of the unit is to be started only after written approval of the drawings by OIL.

IV. Four bound sets of the following documents shall be submitted with the supply:

- a. Approved GA and dimensional drawing of all equipment
- b. Approved Power and Control circuit diagrams
- c. Bill of materials with technical details of various components of the Starter Control Panel
- d. List of recommended spares
- e. All test certificates
- f. Guarantee Certificates

V. One laminated copy of the approved power & control circuit drawing shall be pasted inside of the front door of the Starter Control Panel.

E. Inspection and Testing:

I. The starter shall be inspected &

tested at the manufacturers' premises before dispatch.

II. The starter shall be guaranteed for 1 (one) year from the date of supply. Guarantee certificates shall be duly signed and stamped by the supplier and shall be provided along with the supply.

F. Transportation:

During transportation all electrical equipment are to be suitably packed to avoid water ingress or transit damage.

Name plate and rotation arrows:

A nameplate shall be securely attached at a readily visible location wherein the manufacturers name, machine serial number, maximum and minimum design limits and rating data, maximum allowable working pressure and temperatures, hydrostatic test pressure etc. should be clearly indicated.

Rotation arrows indicating direction of rotation of major items should be cast in or attached.

11 Speed 0.5 meter to 3 meter per minute

12 Display

The machine should have necessary attachment to display/demonstrate the deviation / run out from the center line.

13 Painting colour

The machine should be painted with Aquamarine (G)(0202)paint

14 Civil works & foundation drawings

- i) All civil foundation drawings to be submitted along with the bid.
- ii) Party to mention clearly

in the bid document whether the machine to be installed in open space or requires shed  
iii) Party to inform before supplying the machine about the civil work requirements for installing the machine.

15 Safety

- i) All safety devices to be incorporated in the machine as per the industrial standards.
- ii) Emergency stop button to be provided wherever required.
- iii) All rotating parts, belts, chains, etc. to be covered with safety guards.

16 Standard accessories

All necessary accessories to be provided with the machine

17 Spares

Manufacturer to submit list of spares required for smooth running of machine for a minimum period of 2 years. However, it will not be considered for evaluation of the bids.

**Notes:**

1. Original catalogues with relevant features shall be supplied along with the bids.
2. The requirements of any other accessories required for the smooth operation of the machine are also to be quoted in detail in the bid document.
3. Deviation from NIT requirements shall be clearly indicated in the bid under separate heading.
4. All write ups, documents, certificates, manuals, correspondences etc. by the bidder must be in English.
5. All hazards involved during operation / standby should be specifically mentioned along with necessary protective measures for the same.
6. Two sets of Operation & Maintenance manual shall be provided free of cost along with materials.
7. Bidder should submit Standard Operating Procedure along with the material indicating all the hazard involved.

**3.0 TRAINING TO OIL PERSONNEL:**

a) The bidder shall arrange for training at their own work site for at least 2 (two) persons. OIL shall bear all expenses for to & fro journey & stay of their training team.

b) The bidder shall also arrange for training of 4 nos. of OIL personnel of the supplied equipment at OIL site to understand operation and maintenance of the system. Normally Training duration should be within 2-3 days. However, training should continue till the satisfaction of OIL personnel and hence, it is dependent on the ability of the trainer. The bidder should provide experienced trainer for the same.

**4.0 Packing:** i) The packing shall be roadworthy for transportation upto site, sufficiently robust to withstand rough handling  
ii) Boxes/ packing cases containing electrical equipment shall be water & rodent proof.  
iii) All manuals, drawings, documents and digital items (discs) shall be separately packed and contained in rigid plastic pouches.

### **5.0 Inspection & Testing:**

OIL as purchaser shall have the right to carry out stage inspection and shop visit to review the manufacturing progress but such inspection shall not relieve the bidder of his responsibility to ensure that the equipment supplied is free from all manufacturing and other defects and conform to correct specifications. The bidder/manufacturer shall inform OIL in advance (four weeks if in India & sixteen weeks if abroad) for inspection at OEM/suppliers premises. However, manufacturer should not hold any manufacturing activity for witness of purchaser's stage inspection. OIL shall have the right to waive such inspection.

#### **A) PREDELIVERY INSPECTION:**

i) Pre-delivery inspection shall be performed by OIL to insure all components, controls, etc. are included as specified herein, free from any defects and equipment can fulfill all the requirements as specified prior to delivery and acceptance. The testing of brand new heavy duty Pipe & solid bar (round metal) straightening machine set shall necessarily be carried out at factory/ manufacturer premises/bidder's premises in presence of representatives of OIL. The manufacturer or its representative shall give a notice in advance of minimum four weeks for in country and sixteen weeks for abroad carrying out pre-delivery inspection and shall arrange for consumables for testing at his cost. OIL shall witness such inspection & testing at mutually agreed date and will bear the cost of its inspection visit to the factory.

ii) During testing all controls, operations, safety will be checked and proper record will be maintained by the manufacturer's representative. Any defect/ abnormality noticed during testing shall be rectified. The testing will be declared successful only when no abnormality/ failure are noticed during the testing.

iii) Any defects which become evident during the test shall be corrected by the bidder at his own expense prior to shipment to OIL.

iv) The Brand new heavy duty Pipe & solid bar (round metal) straightening machine will be cleared for dispatch to site only when the testing is declared successful by OIL.

**B) DISPATCH/SHIPMENT TO SITE:** The items shall be dispatched only after OIL's satisfactory inspection and advice.

**C) INSTALLATION AND COMMISSIONING AT SITE AND HANDING OVER TO OIL**

- i) Installation and Commissioning of the brand new heavy duty Pipe & solid bar (round metal) straightening machine set shall be carried out by the bidder in the presence of OIL representatives at sites at Duliajan, Assam (India).
- ii) Installation / commissioning charges should be quoted separately which shall be considered for evaluation of the offers. These charges should include amongst others to and from fares, boarding/ lodging and other expenses of the service personnel during their stay at Duliajan, Assam (India).
- iii) The bidder shall be responsible for safety of its personnel and equipment during the commissioning work.
- iv) During the installation & commissioning job, the bidder shall strictly ensure that all the cut ends of cables, packing materials, leftover items are removed from site after completion of work.
- v) No environmental damage shall be done while carrying out the job.

**D) SERVICE AND WARRANTY:**

- i) The supplier shall ensure adequate and prompt after sales service free of cost during warranty period, and against payment after the warranty period is over.
- ii) The warranty period for the brand new heavy duty Pipe & solid bar (round metal) straightening machine set with all accessories should be a minimum of 18 months from the date of dispatch/ shipment or 12 months from the date of commissioning of the equipment whichever is earlier.
- iii) The warranty coverage shall include required spare parts, labor, reasonable travel expense necessary for repairs at the jobsite, and expendables (consumables and other service items made unusable by the defect) used during the course of repair or any defects in the equipment during warranty period shall be replaced by the party at his own cost without any extra charge to OIL.

**6.0 TECHNICAL CHECKLIST FOR BRAND NEW HEAVY DUTY PIPE & SOLID BAR (ROUND METAL) STRAIGHTENING MACHINE:**

The following checklist must be completed and returned with the offer. Please ensure that all these points are covered in your offer. These will ensure that your offer is properly evaluated.

Please tick mark "YES" or "No" to the following questions, in the right hand.

- i) Whether Quoted as OEM and documentary evidence submitted?  
YES / NO
- ii) Whether Quoted as Authorized Dealer of OEM and documentary evidence submitted?  
YES / NO
- iii) Whether separately highlighted any deviation from NIT?  
YES / NO

iv) Whether detail specification of brand new heavy duty Pipe & solid bar (round metal) straightening machine with manufacturer's technical literatures, catalogues enclosed?

YES / NO

v) Whether quoted for supply, installation & commissioning?

YES / NO

vi) Whether Inspection Clause as mentioned in the NIT included in the bid?

YES / NO

vii) Whether the quoted brand new heavy duty Pipe & solid bar (round metal) straightening machine is brand new?

YES/NO

viii) Whether all literatures, documents etc. are in English?

YES / NO

ix) Whether the machine needs to be calibrated time to time?

YES / NO

x) Whether the list of spares for 2 years maintenance submitted?

YES / NO

### **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:**

1. The bidder should be either manufacturer or authorized dealer of the heavy duty Pipe & solid bar (round metal) straightening machine. In case of authorized dealer, the valid dealership certificate from OEM has to be provided along with the offer.
2. OEM must have experience to supply, installation and commissioning of at least 1(one) no. of heavy duty Pipe & solid bar (round metal) straightening machine of capacity 6 inch or more diameter pipe/bar in Central / State Govt. /Public Sector organisation/ Public Limited Company in last 5 years from the date of bid opening. Copies of purchase

order & Invoice from the clients indicating the supply of such equipment are to be forwarded with the offer.

3. The OEM must have manufacturing and testing facilities as per industrial standards.

(a) The bidder must submit the followings as documentary evidence in support of the experience:

(i) For OIL Purchase Order, copy of " Purchase Order" of completed supply must be submitted.

(ii) For supply to other Govt/Semi Govt/PSU or Public Limited Company, copy (s) of Purchase Order of the supply along with invoice against the purchase order or Completion certificate of the supply from the end user are/ is to be submitted.

(b) In case the bidder submit Completion certificate from the end user, the completion certificate should clearly mention the Purchase Order No(s), Total Value of Supply and complete description of the supplied item.

**B) FINANCIAL:**

1.0 Annual Financial Turnover of the bidder during **any of preceding three financial / accounting years from the original bid closing date** should be at least **Rs 131.25 lacs**.

1.1 **Net worth** of bidder must be positive for preceding financial/ accounting year.

2.0 Considering the time required for preparation of Financial Statements, if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial / accounting year are not available with the bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial / accounting year excluding the preceding financial / accounting year will be considered. However, the bidder has to submit an affidavit/undertaking certifying that 'the balance sheet/Financial Statements for the financial year..... (as the case may be) has actually not been audited so far'.

**Note:** (a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:-

i) A certificate issued by a practicing Chartered Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in **ANNEXURE**.

OR

ii) Audited Balance Sheet along with Profit & Loss account."

b) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.

**C) COMMERCIAL:**

**1.0** 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.

**2.0 Bid security of Rs. 5,25,500.00** shall be furnished as a part of the TECHNICAL BID (refer Clause No. 8.0 (Section A) of “General Terms & Conditions” for e-Procurement as per Booklet No. MM/CALCUTTA/E-01/2016 for E-procurement (LCB Tenders)). A bid shall be rejected straightway if Original Bid Security is not received within the stipulated date & time mentioned in the Tender and/or if the Bid Security validity is shorter than the validity indicated in Tender and/or if the Bid Security amount is lesser than the amount indicated in the Tender.

2.1 For exemption for submission of Bid Security, please refer Clause No. 8.16 (Section A) of “General Terms & Conditions” for e-Procurement as per Booklet No. MM/CALCUTTA/E-01/2016 for E-procurement (LCB Tenders).

2.2 The Bank Guarantee towards Bid Security shall be valid **upto 22.07.2017.**

**3.0** Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. The Performance Bank Guarantee must be valid for a period of 18 months from the date of despatch or twelve(12) months from the date of successful installation & commissioning of the items at site, whichever is earlier. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.

**4.0** 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 18 months from the date of despatch or twelve(12) months from the date of successful installation & commissioning of the items at site, whichever is earlier 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 at no extra cost to OIL.

**5.0** 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.

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

**7.0** 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.

**8.0** Bids containing incorrect statement will be rejected.

**9.0** No offers should be sent by Telex, Cable, E-mail or Fax. Such offers will not be accepted.

**10.0** All the Bids must be Digitally Signed using “Class 3” digital certificate (e-commerce application) with Bidder’s organization 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. The bid signed using other than “Class 3” digital certificate with Bidder’s organization name, will be rejected.

**11.0** Bidders are required to submit the summary of the prices in their Commercial (Priced) bids as per bid format (Summary), given below :

<b>Sl. No.</b>	<b>Item</b>	<b>Rupees</b>
<b>(A)</b>	Total material cost	
<b>(B)</b>	Packing and Forwarding Charges	
<b>(C)</b>	Total Ex-works value, ( A+B )	
<b>(D)</b>	Excise Duty <u>including</u> Cess	
<b>(E)</b>	Sales Tax, (Please indicate applicable rate of Tax)	
<b>(F)</b>	Total FOR Despatching station price, ( C+D+E )	
<b>(G)</b>	Road Transportation charges to Duliajan	
<b>(H)</b>	Insurance Charges	
<b>(I)</b>	Assam Entry Tax (wherever applicable)	
<b>(J)</b>	Total FOR Duliajan value, ( F+G+H+I)	
<b>(K)</b>	Installation & Commissioning charges including Service Tax	
<b>(L)</b>	Training Charges including Service Tax	
<b>(M)</b>	TOTAL VALUE (J+K+L)	
<b>Total value in words : Rupees</b>		

**12.0** Offer shall be rejected straightaway without seeking clarification in case the party refuses to sign Integrity Pact.

**II) BID EVALUATION CRITERIA**

**The bids conforming to the specifications, terms and conditions stipulated in the enquiry and considered to be responsive after subjecting to the Bid Rejection Criteria will be considered for further evaluation as per the Bid Evaluation Criteria mentioned below:**

**1.0** The evaluation of bids will be done as per the Price Schedule (SUMMARY) detailed vide **Para 11.0** of Bid Rejection Criteria.

**2.0** In the event of computational error between unit price and total price, unit price shall prevail and adopted for evaluation. Similarly, in the event of discrepancy between words and quoted figure, words will prevail.

**3.0** To ascertain the inter-se-ranking, the comparison of the responsive bids will be done on TOTAL VALUE basis, subject to corrections / adjustments given herein.

**4.0** Purchase Preference, if any will be as per Section B of “General Terms & Conditions” for e- Procurement as per Booklet No. MM/CALCUTTA/E-01/2016 (LCB Tenders).

**5.0** In case any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (BEC / BRC) mentioned here contradict the Clauses in the General Terms & Conditions of the Tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.

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