

Corrigendum-1

The following amendment has been made to the tender SKI0608P19/08. Hence, the revised specification/clause shall now be applicable.

Tender Clause no.	Original tender Clause	Revised clause
Bid Closing Date	29.03.2019	12.04.2019
Bid Security amount	INR 79, 000.00	INR 2, 24, 000.00
Forwarding letter	Integrity Pact- Not Applicable	<p>Integrity Pact- Applicable.</p> <p>Inclusion of Sl. No. 16.0 in Special Note of Forwarding letter as below:</p> <p>16.0 The Integrity Pact is applicable against this tender. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure HHH of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid.</p> <p>The name of the OIL's Independent External Monitors at present are as under: SHRI RAJIV MATHUR, IPS (Retd.) Former Director, IB, Govt. of India, e-Mail ID : rajivmathur23@gmail.com</p> <p>SHRI SATYANANDA MISHRA, IAS (Retd.)</p>

		<p>Former Chief Information Commissioner & Ex-Secretary, DOPT, Govt. of India E-Mail ID : satyanandamishra@hotmail.com</p> <p>SHRI JAGMOHAN GARG, Ex-Vigilance Commissioner, CVC e-Mail id : jagmohan.garg@gmail.com</p>
Forwarding letter, The tender will be governed by clause no. (f)	Bidder are advised to fill up the Undertaking of authenticity of information/documents submitted (Annexure- K), Financial check list (Annexure DDD) , Technical bid check list (Annexure EEE) , Response sheet (Annexure FFF) and Bank Details (Annexure GGG) Technical evaluation sheet (Annexure I, Annexure II and Annexure III), given in this bidding document uploaded in Technical RFX -> External Area - > Tender Documents. The above filled up documents to be uploaded in the Technical RFX Response.	Bidder are advised to fill up the Undertaking of authenticity of information/documents submitted (Annexure- K), Financial check list (Annexure DDD) , Technical bid check list (Annexure EEE) , Integrity Pact (Annexure HHH), Response sheet (Annexure FFF) and Bank Details (Annexure GGG) Technical evaluation sheet (Annexure I, Annexure II and Annexure III), given in this bidding document uploaded in Technical RFX -> External Area - > Tender Documents. The above filled up documents to be uploaded in the Technical RFX Response.
Annexure AAA	Sl. No. 10, 20, 30	Sl. No. 10, 20, 30, 40 Inclusion of Sl. No. 40 for 22 nos. (Revised Annexure AAA attached.)
Annexure AAA, Special Note		<p>Inclusion of Point No. 11.0 & 12.0 as below:</p> <p>11.0 Delivery of Sl. No. 10, 20, 30 at Oil India Limited, Digboi, -786171, Assam Delivery of Sl. No. 40 at Oil India Limited, Duliajan- 786602, Assam.</p> <p>12.0 For item nos. 10, 20, 30: Materials to be despatched maximum within 8 (eight) months from placement of order.</p>

		<p><u>For item no. 40</u> Materials to be despatched maximum within 6 (six) months from placement of Order.</p>
BEC-BRC , clause (B) Financial, Sl. No. 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. 19, 69, 596/-	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. 55, 99, 596/-
BEC-BRC , clause (C) Commercial, Sl. No. 2.0	Bid security of Rs. 79, 000/- shall be furnished..... Tender	Bid security of Rs. 2, 24, 000/- shall be furnished..... Tender
BEC-BRC, clause © Commercial, Sl. No. 2.2	<u>The Bank Guarantee towards Bid Security shall be valid upto 25.10.2019</u> (i.e. 90 days from the Bid Validity)	<u>The Bank Guarantee towards Bid Security shall be valid upto 08.11.2019</u> (i.e. 90 days from the Bid Validity)

All other terms and conditions of the tender remain.

Annexure - AAA

TECHNICAL SPECIFICATIONS WITH QUANTITY

Sl. No	Material Code	Tender requirement	Quantity
10	OC000452	<p>FORMATION WATER DISPOSAL PUMP</p> <p>Electric Motor Driven Pumpset, Mounted on a common base frame, coupled with flexible coupling (Lovejoy type), complete with coupling guards, foundation bolts & nuts and necessary maintenance tools.</p> <p>1. PUMP DETAILS:</p> <p>a) Type : Centrifugal, Multistage</p> <p>b) Capacity : 25 -30 Kl/hour</p> <p>c) Delivery head : 200 meters</p> <p>d) Liquid to be handled : Formation water</p> <p>e) Specific speed of the pump should not be less than 19 (considering all parameters in metric units)</p> <p>f) Dynamic balancing of the impellers assembly is required.</p> <p>g) Bearing used should be Heavy duty with oil/grease lubrication (Make of the bearing: SKF/FAG).</p> <p>h) Stuffing box shall be water sealed type of ample depth complete with gland packing.</p> <p>2. CHARACTERISTICS OF LIQUID TO BE HANDLED (FORMATION WATER):</p> <p>a) pH : 5.5 to 7.5</p> <p>b) Dissolved salt content: 900 to 5000 PPM</p> <p>c) Iron content : 0.1 to 7.0 PPM</p> <p>d) Calcium content: 3 to 128 PPM</p> <p>e) Suspended solids: 50-2000 mg/l</p> <p>f) Temperature of formation water: 10 to 50 Deg C</p> <p>3. MATERIALS OF CONSTRUCTION:</p> <p>a) Impeller and casing : ASTM designation and Type A356M(05) CA6NM, as per following composition</p> <p>%C :.06 max</p> <p>%Mn :1.0 Max</p> <p>%Si:1.0 Max</p>	6 Nos.

		<p>%P:0.04 Max %S:0.03 Max %Mo:0.4-1.0 %Cr:11.5-14 %Ni:3.5-4.5</p> <p>b) Diffuser : 2 - 2.5 % Ni Cast Iron c) Shaft & key : Stainless steel AISI 410 d) Shaft Sleeve : AISI 410 H e) Stuffing box: Ni Cast Iron packed with V-type Teflon Packings. f) Studs for gland flange of stuffing box: SS AISI 410</p> <p>4. Coupling and Mounting arrangement</p> <p>a. Pump & Motor to be coupled with flexible coupling (Lovejoy type) b. Suitable coupling guard should be provided over the coupling. c. The pump and motor should be mounted on a common MS fabricated base frame. d. Necessary foundation bolts should be provided along with the pump sets.</p> <p>5. DETAILS OF MOTOR: The Motor for Pump shall be three phase, 415 VAC, squirrel cage rotor Induction Motor with the following specifications:</p> <p>a. Type of motor: Squirrel cage Induction motor, Non-flameproof b. Drive: Direct coupled with flexible coupling c. Shaft extension: To match the driven pump d. Rating: KW/HP- To be calculated by supplier/OEM of pump set as per pump requirement (Both pump capacity and motor capacity calculation sheets to be attached with the bid). The motor rating should be limited to Maximum 30 KW/ 40 HP e. Voltage: 415 ± 10%, 50 Hz AC, 3 Phase f. RPM: To be decided by supplier/OEM of pump set, matching with pump design speed g. Class of Insulation: Class 'F' but temperature rise limited to that of class 'B' h. Rating: Continuous duty i. Type of enclosure: Totally enclosed fan cooled (TEFC) with minimum I.P. - 55 protection</p>	
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		<p>j. Mounting : Horizontal, Foot mounted</p> <p>k. Method of Starting: Star-Delta</p> <p>l. Markings: Name plate details with name of manufacturer, frame size, rated voltage, rated output, current, frequency, type of duty, class of insulation, no. of phases, speed in rpm at rated output, degree of protection, winding connections, ambient temp, bearing sizes, lubricant, lubrication material and year of manufacture,</p> <p>m. The motor shall conform to IS 325 for performance and service.</p> <p>n. Maximum permissible temperature rise of the motor: As per IS 325/1961</p> <p>o. Make: Kirloskar/Crompton/Siemens/Bharat Bijlee/ABB/NGEF/Marathon</p> <p>6. PARTICULARS OF TERMINAL BOX:</p> <p>a) One terminal box suitable for terminating 2 nos of 3 core 25 sq mm PVCA aluminium cable with proper double compression cable gland Cable glands are to be provided along with the box.</p> <p>b) Earthing stud: Two Nos. on motor body</p> <p>c) Lifting eye: 1 No.</p> <p>7. CLIMATIC CONDITIONS: The motor shall be suitable for operation in the following climatic conditions:</p> <p>a) Altitude : 150 m above mean sea level</p> <p>b) Max. Relative humidity: at 21 Deg C - 100 %, at 35Deg C - 95 %</p> <p>c) Avg. rainfall : 343 cms.</p>	
20	OC000452	Same as item no. 10 above	4 nos.
30	OC000452	Same as item no. 10 above	2 nos.
40	OC000452	Same as item no. 10 above	22 nos.

Special Note:

1.0 The offer shall be accompanied with the following:

- i) Detailed cross sectional/dimensional drawing of pump and motor
- ii) Characteristics / Performance curves of the pump.
- iii) Pump and motor capacity calculation
- iv) Test certificate of pump and motor for routine tests done at manufacturer's works.

2.0 The Bidder shall furnish every detail of pump and motor as specified in the enquiry.

3.0 The Bidder shall categorically confirm that the pump and motor shall be supplied in unitized condition.

4.0 The bidder shall specifically confirm about the dynamic balancing of the impeller and provide necessary details thereof.

5.0 The bidder shall confirm that foundation drawing, operation and maintenance manual will be forwarded along with the materials in the event of placement of order.

6.0 The bidder shall confirm that test and guarantee certificate of motor and pump will be forwarded along with the materials in the event of placement of order.

7.0 The bidder shall confirm that Material Test Certificates of components like Casing, Impellers, Pump Shaft and diffusers etc. will be forwarded along with the materials in the event of placement of order.

8.0 Bidder shall quote for all regular /recommended spares with part no along with the offer. However, the same shall not be considered while evaluating the bid. Procurement of spares shall remain at OIL's discretion. Since the offer for above regular / recommended spares will not be considered for evaluation, the same may be uploaded in technical bid itself.

9.0 The bidder must submit a written undertaking along with the technical bid that they would be able to supply all the requisite spares and consumables (including bought out items)for a period of 05(five)years from the certified date of completion /successful field commissioning of the unit.

10.0 The Bidder to submit Technical Compliance Check List along with technical bid as per Annexure-I, Annexure-II, & Annexure III attached.

11.0

Delivery of Sl. No. 10, 20, 30 at Oil India Limited, Digboi, -786171, Assam

Delivery of Sl. No. 40 at Oil India Limited, Duliajan- 786602, Assam.

12.0

For item nos. 10, 20, 30:

Materials to be despatched maximum within 8 (eight) months from placement of order.

For item no. 40

Materials to be despatched maximum within 6 (six) months from placement of Order