



INVITATION TO e-BID UNDER SINGLE STAGE TWO BID SYSTEM

Tender No. & Date	: SGG1244P17 dated 27.05.2016
Tender Fee	: INR 30,000.00 OR USD 500.00
Bid Security	: INR 4,93,000.00 OR USD 7,200.00
Bidding Type	: SINGLE STAGE TWO BID SYSTEM
Bid Closing on	: 13.07.2016 at 11.00 HRS (IST)
Bid Opening on	: 13.07.2016 at 14.00 HRS (IST)
Bid Validity	: Bid should be valid for 120 days from bid closing date.
Bid Bond Validity	: Bid Bond should be valid upto 09.05.2017. (Bid bond format has been changed. Please submit bid bond as per revised format)
Performance Guarantee	: Applicable @ 10% of order value.
Integrity Pact	: Applicable

OIL INDIA LIMITED invites electronic bids under Single Stage Two Bid System through its e-procurement site for the item detailed below –

Item No.	Item Description	Quantity	UoM
10	Design, engineering, manufacture, inspection, supply, installation, commissioning & testing of Chemical Injection Skid with flow control and flow measurement mechanism, having the ability to inject Drag Reducing Agent (DRA) in hydrocarbon pipeline for Barauni and Sonapur Pump Stations. (i) Detail Specification: Annexure – AA (ii) Bid Rejection Criteria/Bid Evaluation Criteria: Annexure – BB (iii) Technical Data Form: Annexure – CC (iv) Commercial Checklist: Annexure – DD	02	Nos.

The general details of tender can be viewed by opening the eRFx [Tender] under RFx and Auctions in the e-portal site through Guest Login. The details of tendered items can be found in the Item Data and details uploaded under Technical RFx. The bidding document is available in the Technical RFx -> External Area -> Tender Documents.

STANDARD NOTES:

- 1.0 The tender will be governed by “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) including Amendments & Addendum to “General Terms & Conditions” for e-Procurement.
- 2.0 This Bidding document consists of :
 - (i) Detail Specification: Annexure – AA
 - (ii) Bid Rejection Criteria/Bid Evaluation Criteria: Annexure – BB
 - (iii) Technical Data Form: Annexure – CC
 - (iv) Commercial Checklist: Annexure – DD

MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) have been uploaded separately in the Technical RFx > External Area - > Tender Documents.

- 3.0 Application showing full address/email address with Tender Fee (Non-refundable) of Rs. 30,000.00 or USD 500.00 in favour of M/s Oil India Limited and payable at Guwahati is to be sent to Chief Material Manager (PL), Oil India Limited (Pipeline Headquarters), P.O. Udayan Vihar, Guwahati - 781171. **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 (*For bidders having existing user id and password issued by OIL, same may be used for submission of bid after payment of tender fee*). 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 the tender 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.

NOTE: 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.

- 4.0 **Tender Fee and Bid Security can also be paid through payment gateway in the e-tender portal.** Please refer to Vendor User Manual updated in the e-tender portal as well for further details.
- 5.0 **Nil custom duty shall not be applicable against this tender. Indigenous bidders are requested to quote non Deemed Export prices.**
- 6.0 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 **The Chief Material Manager (PL), Oil India Limited (Pipeline Headquarter), P.O. Udayan Vihar, Guwahati -781171 before 14.00 Hrs IST** on the Bid Closing Date mentioned in the Tender.
 - a) Original Bid Security.
 - b) 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.

- 7.0 In case of SINGLE STAGE-TWO BID SYSTEM, bidders shall prepare the “Techno-commercial Unpriced Bid” and “Priced Bid” separately and shall upload through electronic form in the OIL’s e-

Tender portal within the Bid Closing Date and Time stipulated in the e-tender. The “Techno-commercial Un-priced Bid” shall contain all technical and commercial details except the prices which shall be kept blank. Details of prices as per Bid format / Commercial bid to be uploaded as attachment in the Attachment Tab “Notes and Attachments”. **A screen shot in this regard is given below.**

Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender.

On “EDIT” Mode- The following screen will appear. Bidders are advised to upload “Techno-Commercial Un-priced Bid” and “Priced Bid” in the places as indicated above:

- 8.0 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.

- 9.0 **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.**
- 10.0 Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that any documents which are to be submitted in a sealed envelope are also submitted at the address mentioned in note 6.0 above before **14:00 Hrs (IST)** on the bid closing date failing which the offer shall be rejected.
- 11.0 **Two Bid System** shall be followed for this tender and only the price-bids of the bidders whose offers are commercially and technically acceptable shall be opened for further evaluation.
- 12.0 Other terms and conditions of the tender shall be as per General Terms and Conditions for Global Tender (MM/GLOBAL/E-01/2005). However, if any of the clause of the Bid Rejection Criteria / Bid Evaluation Criteria (BEC / BRC) contradicts the clauses in the General Terms & Conditions of Global Tender of the tender and/or elsewhere, those mentioned in the BEC / BRC shall prevail.
- 13.0 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 may be summarily rejected.
- 14.0 **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 XII** 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. **The name of the OIL’s Independent External Monitors at present are as under:**
- SHRI RAGHAW SHARAN PANDEY, IAS (Retd.),
Former Secretary, MOP & NG,
e-Mail ID : rspandey_99@yahoo.com
- SHRI RAJIV MATHUR, IPS (Retd.)
Former Director, IB, Govt. of India,
e-Mail ID : rajivmathur23@gmail.com
- 15.0 No press advt. will be published regarding amendment to Bidding Document or extension of Bid Closing Date. The same will be uploaded in OIL’s website and informed to all prospective bidders who have received the bidding documents. Bidders to keep themselves updated.

Sd-
(M.B. SINGHA)
DEPUTY MANAGER MATERIALS (PL)
FOR CHIEF MANAGER MATERIALS (PL)
FOR: GROUP GENERAL MANAGER (PLS)

TECHNICAL SPECIFICATION**CHEMICAL INJECTION SKID WITH FLOW CONTROL AND FLOW MEASUREMENT MECHANISM
HAVING ABILITY TO INJECT DRAG REDUCING AGENT (DRA) IN HYDROCARBON PIPELINE.**

The Chemical Injection Skid having ability to inject DRA in hydrocarbon pipeline should be a unitized pumping system, suitable for injection of all kinds of slurry type DRA into high pressure crude oil and petroleum product pipelines.

A. TECHNICAL SPECIFICATION**I. CHEMICAL INJECTION SKID-**

Skid consisting of 2(two) nos. simplex type plunger reciprocating injections pumps with adjustable stroke, 1(one) no. rotary gear type/progressive cavity pump/screw pump type feed or booster pump of capacity minimum 20 LPH, 1(one) no. rotary gear type/progressive cavity pump/screw pump type recirculation pump of capacity of 100 LPH for recirculation or mixing of chemical. The feed pump to have suction piping arrangement to enable water flushing of the injection pump and piping during shut down. The skid shall consist of mass flow meter, PLC, Pressure Relief Systems and safety Instrumentation system. The skid must also include necessary valves, fittings, hoses etc with suitable arrangement for connecting with tote, Main Line Pipe. The minimum injection capacity of each pump should be 1 LPH or less and maximum injection capacity of pump should not be less than 10 LPH. 2(Two) nos. injection pumps within the skid, of which one working and one stand by, and should have provision to work simultaneously, if required.

II. INJECTION PUMP-

Simplex Plunger type reciprocating pump with adjustable stroke - Conforming to API 675.

- Minimum operating capacity – 1 Ltr/Hr or less
- Maximum operating capacity- 10 Ltrs. /Hr. or more
- Maximum operating pressure- 100 Kg/Cm²
- Operating Range- 0-100 Kg/Cm²
- Temperature- 5 To 50 Degree Centigrade.
- Pump should be able to inject chemical of viscosity in the range 800 – 1000 cP at 25 degree centigrade.

All electrical equipment/Motor should be suitable for 230V/415V + 5%, 50 Hz + 3% AC. Equipment should be Flameproof and have CCE approval for use in Hazardous Area ZONE-I, Gas group IIA & IIB.

Booster Pump for giving feed to injection pump

Type : Rotary gear type/progressive cavity pump/screw pump type
Capacity : Minimum 20 LPH

NPSH of Booster Pump shall be sufficient for taking suction from DRA tote kept at ground level.

Circulation Pump

Type : Rotary gear type/progressive cavity pump/screw pump type
Capacity : Minimum 100 LPH

III. MASS FLOW METER :

- Flow Range 0- 20 LPH & Type - Coriolis
- Accuracy ± 0.5 %
- Repeatability ± 0.05 %
- Body SS304 , Wetted parts SS316L
- Displays the rate of injection , total volume injected, density and temperature
- Meter has available output signals for user 4-20 ma
- Weather proof & flame proof
- Calibrated unit LPH (Litres Per Hour)

IV. CONTROL PANEL :

The system shall be provided with a dedicated LCP panel (EX-d Panel).

1. The panel should be suitable for use in hazardous areas and conform to Class 1, Zone 1, Div. 1, Gr. B, C, D. It should have Ingress Protection rating of IP65 or better.
2. The panel shall be made of Copper free aluminium (less than 0.4%) with hinged bolted cover. The panel body shall have aluminium lacquer paint finish standard suitable for installation in hazardous areas mentioned above. It shall have a minimum of 7" HMI display unit with suitable tempered soda lime glass window cut-out on panel to be provided for local monitoring, display of parameters such as Flow rate, Temperature etc. for operator interface.
3. To meet the functional requirements, the party shall provide necessary electrical and control equipments (PLC and relay logic) and these equipments shall be accommodated inside the local control panel. The bidder shall provide an indicative GAD for the panel along with their own list of hardware control components along with their bid.
4. PLC shall be single non redundant with inbuilt I/O and provision for expanding the I/O with suitable I/O cards. PLC shall be based on Compactlogix series processor or equivalent with diagnostic feature and capability to interface with remote RTU over Modbus TCP/IP for remote and local operation. Provision for ESD shall have to be incorporated in the PLC. For Remote/Local operation selection, necessary hardware shall be available in the panel. PLC shall have provision for PID control algorithm and ratio control algorithm to meet the objectives of the system. The bidder shall ensure that the PLC and related instruments work in the field conditions (such as high temperature) as mentioned above.
5. The bidder shall supply necessary safety Instrumentation systems to meet the functionality.
6. Development of control logics to meet the functionality shall be the responsibility of the bidder.
7. The panel and all other instruments and accessories shall be suitable for installation in hazardous area as mentioned in point No. 1. Necessary certifications in this regard to be attached along with the bid.

V. PLC programming for injection to be done in Litres per hour (LPH)

VI. Hoses to be supplied with each skid up to the injection point on the Main Line Pipe Section.

1. Suction Hose: 1(one) No., 2" x 10 M long with camlock fittings rated to 10 kg/cm² (for connection from Tote having 2" Male NPT to Skid) The hose shall be suitable for connecting with suction of feed/ booster pump at one end and DRA totes at other end.

2. Discharge Hose: 1(one) No., 10 M long discharge hose 1" with swivel ends, rated to 130 kg/cm² (For connection of injection pump outlet to the pipeline). The Hose shall be suitable for connecting with outlet of injection pump at one end and with pipeline injection point at other end. OIL will arrange for making ½" tapping on the carrier pipeline and fitting of 2" full conduit Ball Valve for injection of DRA Chemical. All necessary pipe fittings of 600 class rating required for connecting 1" hose/piping with 2"(50mm) ball valve flange including the 600 class Non Return Valve (This NRV to be fitted in between the Injection hose and injection valve will be in addition to the skid check valve) shall be in the scope of the skid supplier.

NOTE: All Pipe fittings and valves shall be hydro-tested and test records shall be provided at the time of supply. Necessary documentary proof of the pipe fittings compliance with 600 class rating shall be provided at the time of supply.

3. Recirculation Hose: 1(one) No., 20 M long recirculation hose size suitable to match with return line of pump. Ends provided with camlock fittings suitable to connect with 2" male NPT end in the tote.
4. 2(Two) Nos. hoses for suction and discharge of re-circulation pump of 6 mtrs. length each with end suitable to connect with DRA Tote.

VII. Each Skid shall include but not limited to following units:

1. Simplex plunger type reciprocating injecton pump with adjustable stroke - **2 Nos.** (One working & one stand by). If required pumping capacity may be achieved by engaging two pumps simultaneously.
2. Booster or Feed Pump - **1 No.**
3. Re-Circulation Pump for mixing of chemical as and when required - **1 No.**
4. Coupling Guard
5. Skid Frame
6. Pressure Relief Valve
7. Flame Proof, weather proof Motor
8. Variable Frequency Drive Unit
9. Mass flowmeter
10. Hoses - Suction, Discharge, Re-circulation etc with necessary connections with totes, pipes etc.
11. Mandatory Spares
12. Commissioning Spares
13. Any other item required for the assembly as well recommended spares

B. FLOW CONTROL MECHANISM

The above mentioned pump is intended to be installed for carrying out dosing of DRA flow improver into the pipeline. The dosing is done after the mainline pump discharge header where mainline pressure is in the range of 30- 90 kg/cm². The pump skid should be able to inject at this back pressure. Dosing requirement of DRA flow improver may vary from time to time depending upon flow rate. The dosing rate may vary from at a base flow-rate of 325 Kltrs./hour. Therefore, it is intended that the pump flow rate should be controlled according to the operational requirement for a preset dosing in PPM. The dosing flow rate control shall be done by Variable Frequency Drive mechanism in which the motor speed shall vary according to the requirement. The input signal for changing the dosage rate in parts per million to the motor shall be both manual as well as automatic (local as well as remote) given through 4-20 mA electronic signal from PLC. In our pump station we have SCADA system for total control of Pipeline operation. For remote operation there shall be provision in the PLC for interface with SCADA RTU over MODBUS(TCP/IP) protocol. Fail Safe operation and Auto Control philosophy shall be implemented through the PLC and necessary logic to achieve the above functionality shall be in bidder's scope. Bidder to specify number of I/O modules and other accessories required for PLC for the above mentioned job. The pump assembly

shall have flowmeter unit to measure the flow through the pump and cumulatively add the pumped quantity.

C. INSPECTION AND TESTING

1. Equipment shall be subjected to testing at Bidder's/sub vendor's works by purchaser/its authorized inspection agency. Please refer our Special Terms and Conditions for list of third party agencies.
2. Bidder shall submit Quality Assurance (QA) procedures before commencement of testing. Approved QA procedures shall form the basis for equipment inspection.
3. Testing at Bidder's works shall include the following:
 - Hydrostatic Test at 1.25 times of MAOP (MAOP=100 Kg/Cm²) including all hoses required for complete unitized pumping system.
 - Repeatability Test
 - Radiography report of all welded pipe joints
 - Performance Test of each pump
4. Any or all the tests, at purchaser's option, shall be witnessed by purchaser/its authorized inspection agency. However, such inspection shall be regarded as checkup and in no way absolve the bidder of this responsibility.

D. NOTE FOR ELECTRICAL ITEMS

1. Copy of CCE approvals should be submitted along with the quotation for all electrical items.
2. Electrical power at 230V/415V + 5%, 50 Hz + 3% AC shall be provided at a SINGLE POINT to the skid for all electrical loads in the skid.
3. Suitable number of spare Flameproof (FLP) glands shall be provided for termination of the incoming power cable to the skid.

E. PACKING AND IDENTIFICATION

All packaging shall be done in such a manner as to reduce the volume. The Pump and Motor assembly shall be sent in coupled condition on a single base frame so that the same can be installed easily. All assemblies shall be properly match marked for site erection. Packing shall be of good quality. Each item shall be appropriately tagged with identification of main equipment, its denomination and reference number of the respective assembly drawing. Detailed packing list in water-proof envelope shall be inserted in the package with equipment.

- F.** Bidder should confirm the availability of the critical spares of each of the components of the skids for the period of 2(two) years.
- G.** Price list of spares to be provided. **The spares price will not be considered for bid evaluation.**

H. SPECIAL TERMS & CONDITIONS :

- (i) NOTE (generally applicable for all items in the tender):

Successful bidder shall have to carry out design, engineering, manufacture, supply, Piping, fitting, Installation, Commissioning & Testing of the complete Skid.

(ii) TAXES AND DUTIES:

Taxes and duties shall be quoted at the appropriate place in the tender.

(iii) DELIVERY PERIOD:

Delivery period is 7(seven) months from the date of issue of Purchase Order.

After delivery of the materials, the party has to install, commission & test the complete Skid/equipments in presence of OIL officials. Oil India Limited will intimate the successful bidder the date & timing for testing the Skids.

(iv) INSPECTION AND TESTING:

The pump skid to be inspected by third party inspectors who will have full powers to inspect the materials till such time as they may deem fit and to reject any or all materials which do not confirm to the specifications of the order and their decision on every question of intent and meaning of specifications shall be final and conclusive. Also, all the performance tests including the tests mentioned above of Specifications of this tender shall be witnessed by the third party. The certificate (Inspection Release Note) issued by the said Inspectors to this effect should form part of dispatch documents and clearly indicate the tests conducted with the results there of as required under the relevant specifications.

(v) LIST OF THIRD PARTY INSPECTION AGENCY:

Third party inspection agency shall be one of the following.

1. M/s DNV
2. M/s Lloyds Register
3. M/s IRS
4. M/s RITES
5. M/s Bureau Veritas
6. M/s Tuboscope Vetco
7. Any other with consent of OIL

(vi) LIST OF DOCUMENTS TO BE SUBMITTED BY PARTY:

Party shall be required to submit following documents as applicable:

1. Repeatability Test Report
2. Radiography report
3. Hydro testing Pressure Testing report
4. Design basis documents.
5. Material release Inspection note by third party.
6. Operation and maintenance manual along with all drawings etc.
7. Performance Test Certificates of Pump witnessed by OIL/Third Party.

(vii) GUARANTEE/WARRANTY PERIOD:

The equipments/fittings so supplied shall be guaranteed against any defects or replacement of spares for a period of minimum 1 year from date of commissioning of pump or 18 months from the date of supply of skid whichever is earlier.

(viii) AFTER SALES SERVICE:

Bidder should indicate the availability of nearest after sales service centre along with the details of infra structural capabilities. The nature of after sales service, which can be provided by the supplier, should be clearly stated in the quotation.

(ix) SERVICE AND WARRANTY:

The manufacturer/authorized dealer shall have a parts and service facility.

NOTE TO BIDDERS:

Before quoting the bid all the bidders are encouraged to visit & examine the site, where Skids are required to be installed. The costs of visiting the site shall be bidders own expense.

I. INSTALLATION AND COMMISSIONING

- (i) The installation and commissioning of all the equipments of the Skids shall be in bidder's scope of work at site including the corresponding activities of assembly, fittings, electrical & instrumentation works.

OIL INDIA LIMITED will provide a necessary tapping point in the Main Pipeline with a valve. Rest all other necessary jobs related to piping, fittings, installation, commissioning, testing of complete Skid has to be carried out by successful bidder.

- (ii) The complete connection of the Skid with the Main Line Pipe is under bidder's scope. Oil India Limited will provide only necessary tapping point with a valve.

- (iii) Commissioning & testing will involve injection of DRA for a period to establish the DRA polymer for the entire length of the intended 14" pipeline of approximately 600 KM length (Barauni to Bongaigaon Sector) at a rate of Crude oil flow of 283 - 325 M³/hr.

Barauni- Sonapur Section	- 303.5 KM (One No. Skid at Barauni)
Sonapur- Bongaigaon Section	- 296.6 KM (One No. Skid at Sonapur)

- (iv) All cables/hoses/valves/gauges/fittings etc. between respective equipments covering the complete requirements for commissioning of system are in bidder's scope.
- (v) Bidder shall bring all installation aids, test equipments and qualified and experienced personnel, in order to carry out the job successfully.
- (vi) All technical personnel assigned to the site by Bidder must be fully conversant with the specific system and its software packages.
- (vii) The commissioning spares for all the items/ equipments shall be included along with commissioning services as required to commission the complete system. The consumables required during commissioning of system shall be included as part of commissioning spares.
- (viii) To the extent that the Standard of the works has not been specified in the Contract, bidder shall use good quality materials, techniques and standards and execute the Contract with the care, skill and diligence required in accordance with best engineering practices.
- (ix) The bidder shall make his own arrangements at his own cost for the transport where necessary of his staff and labor to and from the site of the works.

- (x) It is the bidder's responsibility to ensure that all works and services performed under this contract shall not have any detrimental effect on current network performance and users do not experience unnecessary or unexpected interruptions to services over the network.
- J. Skids are to be installed at Barauni Pump Station & Sonapur Pump Station, one no. each. The Postal Address of the location is provided below –
- 1) BARAUNI PUMP STATION
OIL INDIA LIMITED
P.O: BARAUNI OIL REFINERY
DIST: BEGUSARAI,
PIN CODE: 851114, BIHAR
 - 2) SONAPUR PUMP STATION
OIL INDIA LIMITED
P.O: HAPTIAGACH (VIA ISLAMPUR), SONAPUR
DISTRICT: UTTAR DINAJPUR
PIN CODE: 733202, WEST BENGAL.
- K. Technical Data Form to be filled up and submitted by bidder alongwith their offer is provided as **Annexure CC**.

I. BID REJECTION CRITERIA (BRC)

The bids must conform to the specifications, terms and conditions given in the NIT. Bids shall be rejected in case the items offered do not conform to the required minimum/ maximum 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 offer/ offers will be considered as non-responsive and is/are liable to be rejected, if the following conditions are not fulfilled:

(A) FINANCIAL CRITERIA

- 1.0 The Bidder shall have an Annual Financial Turnover of INR 1.30 Crore in any of the last 3(three) preceding financial year.
- 2.0 The bidder shall have positive net worth in the preceding financial year.
- 3.0 The bidder shall have to submit valid documentary evidence in support of the above points – 1.0 & 2.0, along with their bid.

(B) TECHNICAL

- 1.0 The bidder shall be an Original Equipment Manufacturer (OEM).
- 2.0 In case the bidder is not an OEM but is an authorized dealer of the OEM, the bidder has to submit valid Authorization Certificate/Dealership Certificate of the OEM for the offered item failing which the bid shall be rejected.
- 3.0 The bidder shall have an experience of successfully supplying and commissioning minimum 1(one) no. Chemical injection Skid having ability to inject DRA in hydrocarbon pipeline in the last 5(five) years ending original bid closing date.
- 4.0 Bidder shall have to submit documentary evidence in support of the above in terms of Purchase Order/Work Completion certificate/payment certificate/Contract along with the bid failing which the bid shall be rejected. The documentary evidence submitted must also confirm/certify that the chemical injection skid has been used for DRA injection.
- 5.0 The Bidder shall deliver the chemical injection skid within 7(seven) months from the date of issue of Purchase Order. Bidder quoting delivery period more than 7(seven) months shall be rejected. However, the bidder to quote their best delivery period.

(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. Un-priced) bid. The “Un-priced Bid” shall contain all techno-commercial details except the prices which shall be kept blank. The “Priced 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 INR 4,93,000.00 OR USD 7,200.00 shall be furnished as a part of the TECHNICAL BID. Any bid not accompanied by a proper bid security in ORIGINAL will be rejected without any further consideration.** For exemption for submission of Bid Security, please refer Clause No. 9.8 (Section A) of General Terms and Conditions for Global Tender. **The Bid Security shall be valid till 09.05.2017.**
- 3.0 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 twelve months from the date of commissioning of the complete package at site 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.
- 4.0 Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. The Performance Bank Guarantee must be valid for one year from the date of successful commissioning of the complete package at site. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.
- 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. Bids with lesser validity will be rejected.**
- 7.0 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. **The bid signed using other than #Class 3# digital certificate, will be rejected.**
- 8.0 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.
- 9.0 Bidders shall quote directly and not through Agents in India. Offers made by Indian Agents on behalf of their foreign principals will be rejected. Similarly offers from unsolicited bidders will be rejected.
- 10.0 Bids containing incorrect statement will be rejected.
- 11.0 No offers should be sent by Telex, Cable, E-mail or Fax. Such offers will not be accepted.
- 12.0 The following points are deemed as "non-negotiable" and offer shall be rejected straightaway without seeking clarification:
- i. Validity of bid shorter than validity indicated in the tender.
 - ii. Original Bid Security not received within the stipulated date and time mentioned in the tender.
 - iii. Bid security with (a) Validity shorter than the validity indicated in tender and/or (b) Bid security amount lesser than the amount indicated in the tender.
 - iv. In case the bidder refuses to sign Integrity Pact.

13.0 Bidders are required to submit the summary of the prices in their commercial bids as per bid format (Summary), given below :

(i) COMMERCIAL BID FORMAT (SUMMARY) FOR FOREIGN BIDDERS:

- (A) Total material cost of Skids
- (B) Packing & FOB Charges
- (C) TPI Charges
- (D) Total FOB Port of Shipment value, (A+ B+C) above
- (E) Ocean Freight Charges upto Kolkata, India
- (F) Insurance Charges
- (G) Total CIF Kolkata Port value, (D+E+F)
- (H) Installation & Commissioning Charges
- (I) Total Value, (G+H) above
- (J) Total value in words :
- (K) Gross Weight :
- (L) Gross Volume:

(ii) COMMERCIAL BID FORMAT (SUMMARY) FOR INDIGENOUS BIDDERS :

- (A) Total material cost of Skids
- (B) Packing and Forwarding Charges
- (C) TPI Charges
- (D) Total Ex-works value, (A + B +C) above
- (E) Excise Duty, (Please indicate applicable rate of Duty)
- (F) Sales Tax, (Please indicate applicable rate of Tax)
- (G) Total FOR Despatching station price, (D+E+F) above
- (H) Road Transportation charges to sites
- (I) Insurance Charges
- (J) Total Value, (G+H+I) above
- (K) Installation & Commissioning Charges
- (L) Total Value, (J+K) above
- (M) Total value in words :
- (N) Gross Weight :
- (O) Gross Volume :

II. BID EVALUATION CRITERIA (BEC) :

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 given below:

- 1.0 The evaluation of bids will be done as per the Commercial Bid Format (Summary) detailed vide Para 13.0 of BRC.
- 2.0 If there is any discrepancy between the unit price and the total price, the unit price will prevail and the total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.
- 3.0 For conversion of foreign currency into Indian currency, B.C. selling (Market) rate declared by State Bank of India, one day prior to the date of price bid opening shall be considered. However, if the time lag between the opening of the bids and final decision exceed 3(three) months, then B.C. Selling(Market) rate of exchange declared by SBI on the date prior to the date of final decision shall be adopted for conversion and evaluation.

4.0 To ascertain the inter-se-ranking, the comparison of the responsive bids will be made as under, subject to corrections/adjustments given herein.

4.1 When only foreign bidders are involved :

Comparison of bids will be done on the basis of "TOTAL VALUE" which is estimated as under:

- (A) Total material cost of Skids
- (B) Packing & FOB Charges
- (C) TPI Charges
- (D) Total FOB Port of Shipment value, (A+ B +C) above
- (E) Ocean Freight Charges upto Kolkata, India
- (F) Insurance Charges @ 1% of Total FOB Value vide (D) above
- (G) Banking Charges @ 0.5% of Total FOB Value vide (D) above in case of payment through Letter of Credit (If confirmed L/C at buyer's account is required, 1.5% of Total FOB Value will be loaded)
- (H) Total CIF Kolkata Port Value, (D+ E+F +G) above
- (I) Installation & Commissioning Charges
- (J) Total Value, (H+I) above**

NOTE: Banking charges in the country of the foreign bidder shall be borne by the bidder.

4.2 When only domestic bidders are involved or when more than one domestic bidders are in contention in case of mixed response :

Comparison of bids will be done on the basis of "TOTAL VALUE" which is estimated as under:

- (A) Total material cost of Skids
- (B) Packing and Forwarding Charges
- (C) TPI Charges
- (D) Total Ex-works value, (A + B +C) above
- (E) Excise Duty
- (F) Sales Tax
- (G) Total FOR Despatching station price, (D+E+F)
- (H) Road Transportation charges to sites
- (I) Insurance Charges @0.5% of Total FOR Despatching Station Value(G) above
- (J) Entry tax
- (K) Total FOR Destination value, (G+H +I+J)
- (L) Installation & Commissioning Charges
- (M) Total Value, (K+L) above**

4.3 When both foreign and domestic bidders are involved :

The Total Value of domestic bidder (inclusive of customs duty on imported raw material and components etc, and applicable terminal excise duty on the finished products and Sales Tax) excluding inland transportation to destination and Insurance charges worked out as per Para 4.2 above and Total Value (landed) of the foreign bidder worked out as per Para 4.1 (including customs duty as applicable on the bid closing date) above excluding inland transportation to destination will be compared. No price preference will be allowed to indigenous bidders except that for capital goods, the domestic manufacturers would be accorded a price preference to offset CST to the extent of 4 % or actuals, which ever is less subject to 30 % local content norms as stipulated for World

Bank Funded project to the satisfaction of OIL. When more than one domestic bidders fall within price preference range, inter-se-ranking will be done on Total Value basis.

Note: If the Government of India revises these evaluation criteria the same as applicable on the bid closing date will be adopted for evaluation of the offers.

- 5.0 Other terms and conditions of the enquiry shall be as per General Terms and conditions for Global Tender. However, if 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 Global Tender of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.
