

**ऑयल इंडिया लिमिटेड**  
(भारत सरकार का उद्योग) पंजीकृत कार्यालय: दुर्लगाबाग, असम  
**Oil India Limited**  
(A Government of India Enterprise) Registered Office: Durlagan, Assam

Oil India Limited (RP)  
2-A. District Shopping Centre  
Saraswati Nagar, Basni  
Jodhpur-342005,  
Phone- 0291 -2729-473,  
0291 -2729-466  
Fax : 0291-2727050  
Email: [daya\\_shankar@oilindia.in](mailto:daya_shankar@oilindia.in)  
[erp\\_mm@oilindia.in](mailto:erp_mm@oilindia.in)

**FORWARDING LETTER**

**TENDER NO. SJI5209P18**

**INVITATION TO e-BID UNDER SINGLE STAGE TWO BID SYSTEM**

Dear Sirs,

1.0 Oil India Limited, Rajasthan Project invites Bids for **Supply of one (1) number Multi Purpose Fire Tender at Dandewala Gas Processing Complex (DND-GPC), Dandewala, Dist. Jaisalmer, Rajasthan** through its e-Procurement site. 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 Attachments” Tab.**

The prescribed Bid Forms for submission of bids are available in the **“Technical Attachments” Tab.**

**The tender will be governed by:**

1. Technical specifications and Quantity, and any other notes as per **Annexure – IA.**
2. Bid Evaluation Criteria (BEC) as per **Annexure- IB.**
3. General terms and Conditions of the tender are as per attached document No. MM/LOCAL/E-01/2005.
4. The prescribed Bid Forms for submission of bids are available in the tender document folder. Technical Bid Checklist: Annexure-EEE, Response Entry Sheet: Annexure-FFF and Bank Details: Annexure-GGG must be filled-up and submitted along with the technical bid.
5. The tender is invited with firm price for the specified quantity. Further details of tender are given in **“Technical Attachments” Tab.**

6. 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).
7. Amendments to the NIT after its issue will be published on OIL's website only. Revision, clarification, addendum, corrigendum, time extension etc. to the tender will be hosted on OIL website only. No separate notification shall be issued in the press. Prospective bidders are requested to visit website regularly to keep themselves updated.
8. **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](mailto:erp_mm@oilindia.in)**
9. Type of Bidding : **Single Stage Two Bid system**
10. Tender Fee : **INR 1,000.00**
11. Bid security : **INR 1,60,000.00**
12. Performance Security: : **Applicable (@10% of the PO value)**
13. Integrity Pact : **Applicable**
14. Bid Closing /Opening Date & Time : **Please refer to the e- Tender Portal**
15. Bid Validity : **Bid should be valid for 120 days from bid closing date.**
16. Bid Bond Validity : **Bid Bond should be valid up to 28.02.2018**

**(Bid bond format has been changed. Please submit bid bond as per revised format. Refer: MM/LOCAL/E-01/2005)**

**Special Note:**

**1.0** Bidders are advised to take a note of **BID EVALUATION CRITERIA (BEC) under Annexure-IB (uploaded as separate file)** while preparing & submitting their offer.

**2.0** For Tender Fee (Non-refundable) of INR 1,000/- , payment should be made only through online payment gateway and no other instrument (Cash/DD/Cheques/Cashier Cheque, etc.) will be acceptable.

Tender fee shall be accepted only up to one week prior to Bid Closing date (as mentioned in e-portal).

For participating in Oil India limited e-tenders, all new vendors must get themselves enlisted in Oil India e-portal. Please go to the url: <https://etender.srm.oilindia.in/irj/portal> and go to the link Supplier Enlistment for E-Tender. For, the detailed procedure for payments towards 'Tender Fee' and 'Bid Security /EMD' through 'Payment Gateway', please refer the manual.

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 also been provided through OIL’s web site [www.oil-india.com](http://www.oil-india.com).

PSUs and SSI units are provided USER\_ID and initial PASSWORD Free of Cost (as per govt guidelines), however they have to obtain USER\_ID and initial PASSWORD as mentioned above and apply to OIL's designated office before the last date of receipt of tender fee (as mentioned in e-portal).

**NOTE:**

**In case of MSE/PSUs/ Govt. Bodies / eligible institutions etc., they shall apply to Chief Manager (M&C), Oil India Limited, Rajasthan Project, 2A, District Shopping Centre Saraswati Nagar, Basni, Jodhpur-342005, Rajasthan for waiver of Tender Fee upto one week prior to the Bid closing date (as mentioned in e-portal).**

3.0 Please note that all tender forms and supporting documents are to be submitted through OIL’s e-Procurement site only except following document/materials which are to be submitted manually in sealed envelope super scribed with **Tender no.** and **Due date** to **Chief Manager (M&C), Oil India Limited, Rajasthan Project, 2A, District Shopping Centre, Saraswati Nagar, Basni, Jodhpur-342005, Rajasthan** 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 duplicate.

**4.0 The tender is invited under SINGLE STAGE-TWO BID SYSTEM. The bidders are required to submit both the “TECHNO-COMMERCIAL UNPRICED BID” and “PRICED BID” through electronic format in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender.**

**4.1 Please ensure that Technical Bid / all technical documents related to the tender are uploaded in the “Technical Attachments” Tab only. The “**TECHNO-COMMERCIAL UNPRICED BID**” shall contain all techno-commercial details except the prices. **Please note that no price details should be uploaded in “Technical Attachments” Tab. Offer not complying with above submission procedure will be rejected.****

**4.2 In Technical Bid opening, only Technical Attachments 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 and upload the same in the “Technical Attachments” Tab. **No price should be given in above “Technical Attachments” Tab 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 Attachments” Tab.”.

**4.3 The “PRICE BID” must contain the price schedule and the bidder’s commercial terms and conditions. The prices of the items should be quoted in the prescribed price bid format under “Notes and Attachments” Tab.**

5.0 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.

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 15:00 Hrs (IST) on the bid closing date 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 SINGLE STAGE TWO BID SYSTEM** shall be followed for this tender and only the PRICED-BIDS of the bidders whose offers are commercially and technically acceptable shall be opened for further evaluation.

**9.0 a) 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. Any bid not accompanied by Integrity Pact**

**Proforma duly signed by the bidder shall be rejected straightway. 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.**

**b) The name of the OIL's Independent External Monitors at present are as under:**

- 1. SHRI RAJIV MATHUR, IPS(Retd.),  
e-Mail ID : rajivmathur23@gmail.com**
- 2. SHRI SATYANANDA MISHRA, IAS(Retd.)  
Former Chief Information Commissioner of India &  
Ex-Secretary, DOPT, Govt. of India  
e-Mail ID : satyanandamishra@hotmail.com**

10.0 The tender shall be governed by the Bid Evaluation Criteria given in enclosed **Annexure-IB**. However, if any of the Clauses of the Bid Evaluation Criteria contradict the Clauses of the tender and / or "General Terms & Conditions" as per Booklet No. MM/LOCAL/E-01/2005 elsewhere, those in the BEC shall prevail.

11.0 Materials to be supplied hereunder shall be new, unused, of recent make, of best quality & workmanship and shall be guaranteed by the seller against defects arising from faulty materials, workmanship or design. Defective goods / materials or parts notified by OIL to the seller shall be replaced immediately by the supplier at the supplier's expense at no extra cost to OIL.

12.0 Bidder to quote best delivery period.

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 will be summarily rejected.

14.0 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.

**15.0 The following points are deemed as non-negotiable and offer shall be rejected straightaway without seeking clarification in case of the following:**

- 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 party refuses to sign the Integrity Pact.**

16.0 BIDDERS ARE REQUIRED TO QUOTE WITH MINIMUM VALIDITY OF 120 DAYS FROM THE BID CLOSING DATE AS PER NIT REQUIREMENT. BIDS WITH LESSER VALIDITY SHALL BE REJECTED.

17.0 The original bid security (Amount is mentioned above and also in Basic Data of the tender in OIL's e-portal) should reach Chief Manager (M&C), Oil India Limited, Rajasthan Project, 2A, District Shopping Centre Saraswati Nagar, Basni, Jodhpur-342005, Rajasthan, before bid closing date and time of the technical bid. Bid without original Bid Security will be rejected. 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 Global Tender (MM/LOCAL/E-01/2005). **The bid security shall be valid up to 28.02.2018. Please submit bid bond as per revised format.**

**Against Bid Security /EMD– Only payments through online gateway mode or Submission of Bank Guarantee/LC will be acceptable. No DD/Cheques/Cashier Cheque or any other mode will be acceptable**

18.0 Performance Security @10% of order value is applicable against this tender. Please refer clause 10.0 of Section A of General Terms and conditions for Global Tender (MM/LOCAL/E-01/2005).

19.0 **Benefits to Micro & Small Enterprises (MSEs) as per OIL's Public Procurement Policy for Micro and Small Enterprises (MSEs) shall be given. Bidders are requested to go through ANNEXURE – I of MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders for more details. MSE bidders are exempted from submission of Tender Fees and Bid Security/Earnest Money provided they are registered for the items they intend to quote.**

20.0 If Bank Guarantee is submitted towards 'Bid Security', then bidders have to ensure that the Bank Guarantee issuing bank indicate the name and detailed address (including e-mail) of their higher office from where confirmation towards genuineness of the Bank Guarantee can be obtained.

21.0 **Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.**

22.0 **PURCHASE PREFERENCE** : Purchase Preference will be applicable as per latest Govt. Guidelines. Bidders to take note of the same and quote accordingly. It is the bidder's responsibility to submit necessary documents from the Competent Authority to establish that they are eligible for purchase preference against this tender.

23.0 **PRICE PREFERENCE** : Price Preference will be applicable as per latest Govt. Guidelines. Bidders to take note of the same and quote accordingly. It is the bidder's responsibility to submit necessary documents from the Competent Authority to establish that they are eligible for price preference against this tender.

24.0 **GST Clause: Please refer to Annexure – GST.**

25.0 Purchase Preference (Linked to Local Content) shall be applicable against this tender. Please refer to **Annexure-PP-LC**.

**NOTE:**

**Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the terms and conditions of NIT.**

Yours Faithfully

Sd-

(DAYA SHANKAR)  
MATERIALS MANAGER  
FOR CHIEF MANAGER (M&C)  
FOR GM-SERVICES  
FOR EXECUTIVE DIRECTOR (RP)



ऑयल इंडिया लिमिटेड  
(भारत सरकार का उद्योग) पंजीकृत कार्यालय: मुम्बई, भारत  
**Oil India Limited**  
(A Government of India Enterprise) Registered Office: Durgam, Mumbai

Oil India Limited (RP)  
2-A. District Shopping Centre  
Saraswati Nagar, Basni  
Jodhpur-342005,  
Phone- 0291 -2729-473,  
0291 -2729-466  
Fax: 0291-2727050  
Email: daya\_shankar@oilindia.in  
erp\_mm@oilindia.in

### ANNEXURE-IA

Tender No. : SJI5209P18  
Bidding Type : **Single Stage Two Bid system**  
Bid Closing on : As mentioned in e-portal  
Technical Bid Opening on : As mentioned in e-portal

**OIL INDIA LIMITED (Rajasthan Project) invites Indigenous Bids for items detailed below:**

#### **1.0 TECHNICAL SPECIFICATIONS WITH QUANTITY:**

<b>SL. NO. MAT. CODE</b>	<b>MATERIAL DESCRIPTION</b>	<b>QUANTITY</b>	<b>UOM</b>
10 OC000198	Chassis for Multi Purpose Fire Tender	1	NO
20 OC000198	Fabrication of Multi Purpose Fire Tender	1	NO
30	Commissioning & Training of 10 & 20 above	1	AU

#### **Notes:**

1. For evaluation of offer, Total cost of chassis (item no. 10), Fabrication (item no. 20) and Commissioning & Training (item no. 30) will be considered. Bidders are advised to quote for all items separately.

2. All items are to be procured from the same source.

3. Detailed technical specification of Multi Purpose Fire Tender is provided as under:

Part- "A" Chassis for " Multi Purpose Fire Tender"

Part- "B" Fabrication of " Multi Purpose Fire Tender" with Accessories

4. Please find BID EVALUATION CRITERIA (BEC) under Annexure-IB (uploaded as separate file).



## **PART – “A” CHASSIS FOR “MULTIPURPOSE FIRE TENDER”**

Brand new **4x2 drive** chassis for Fire Tender of TATA **or** Ashok Leyland or equivalent make manufactured not prior to six months from the date of issuance of Letter of Intent (LOI). The bidder shall take special care in selecting and designing the Multi-Purpose Fire Tender considering the unit's application in rough terrain and typical oilfield roads. The offered model shall be latest and conforming to international quality standard norms, having specifications, fittings, accessories, etc. as under:

### **1. CHASSIS:**

a	Drive & Cowl	4 x 2 Drive & Full Forward Control Cowl.
b	Engine	<b>Minimum</b> 6 cylinder Water-cooled diesel engine.
c	<b>Maximum</b> Output Power	Not less than 160 HP at rated rpm.
d	<b>Maximum</b> Output Torque	Not less than 400 NM at rated rpm.
e	Emission	Euro-IV or BS-IV
f	Steering	Hydraulic Power Assisted Steering (Right Hand Steering).
g	Gearbox	Minimum 5 forward speed & 1 reverse speed.
h	Side PTO(as applicable)	Side Power take-off (Chassis should be attached with PTO) for driving the <b>High</b> Pressure Pump. It should be suitable to match engine and pump characteristic. It should be engaged by a separate lever in main cabin. Necessary support for PTO unit, shaft etc. should be provided. The drive assembly shall be dynamically balance.
i	PTO for the main water pump	Power take-off (PTO) unit for the main water pump shall be independent <b>type, Vas Make</b> . The PTO operation shall be through Pneumatic as well as mechanical cable linkage.
j	Wheelbase	In the range of 4600 mm to 5200mm.
k	GVW	Not less than 16000 Kg.
l	Brake	Full air or Hydraulic power assisted Dual Circuit Service Brake and suitable Parking Brake.
m	Axles	Front - 1, Rear - 1(Drive axle).
n	Suspension	Semi elliptical leaf spring suspension.
o	Wheels & Tyres	Front- 2, Rear - 4 & Spare - 1, Tyre Size - preferably 10.00 x 20 of adequate ply rating.

### **2. DRIVER'S CABIN:**

Details of Driver's Cabin should be as mentioned elsewhere in the Tender.

### **3. DIMENSIONS:**

#### **Full Unit:**

Overall Length: Approx. 8500 mm.  
Maximum Width: 2600 mm.  
Maximum Height: Not more than 3000 mm (Unladen).

### **4. ADDITIONAL/OTHER FITMENTS & ACCESSORIES:**

- i. All standard gauges and meters, Horn, Reversing Alarm, Lightings, Reflectors, Roof Lamps, Windscreen wipers, Sun shade, Glove box, Lockable fuel tank, Standard Tool Kit, 30T Capacity Hydraulic Jack with handle & wheel wrench, Mud flaps/guards etc.

- ii. Rear View Mirror- 02 Nos.
- iii. Well-covered Battery Box, Tool Box. Suitable storage box at suitable location.
- iv. Suitable Jaw & Pint type rear Towing Hook, mounting arrangement for spare wheel.
- v. First Aid Box, Fire Extinguisher, Licence Holder at suitable locations and other fittings required as per MV Act.

**5. DOCUMENTATION AND BID SUBMISSION:**

**A.** The following documents/literatures are to be submitted along with the bid:

- i. Technical leaflet, to support the specifications **are to be provided along with the bid**. All specifications, as desired, as well as Make, Model, Code, Type etc. of the offered Fire Tender Chassis shall **be** clearly be defined in the bid. **Only** submission of Technical Leaflet is not sufficient.
- ii. A detailed Dimensional Drawing of the fire tender, showing among others overhang, seat size, leg space & sitting arrangement etc. as applicable.
- iii. Checklist as per enclosed format (**CHECKLIST FOR FIRE TENDER CHASSIS**) shall be furnished along with the bid. In case of any contradicting specification provided elsewhere in the bid, **the specifications provided in the said checklist shall only be considered for bid evaluation.**

**[Bid without the Technical Checklist (for Fire Tender Chassis) may be liable for rejection].**

**B.** The following documents /literatures are to be submitted along with the supply:

- i. Temporary Registration, Insurance, Road Tax, Sale Letter in Form 21 & 22,22(A), etc. in the name of M/s OIL INDIA LIMITED, Rajasthan Project, Jodhpur as required under MV act for onward registration of the fire tender in Rajasthan.

**6. TECHNICAL CHECK LIST (For Fire Tender Chassis):**

**Bidder should submit the following checklist duly filled up along with their offer. Bid without the checklist (duly filled up) may be liable for rejection.**

<b>Part A <u>TECHNICAL</u></b>			
<b>A 1.1 (FIRE TENDER CHASSIS)</b>			
<b>Sl. No.</b>	<b>Parameters / Requirements</b>	<b>Bidder's Offer (To indicate make, model, details, yes/no, As applicable)</b>	<b>Remarks, If Any</b>
1	Make & Model of Fire Tender Chassis		
2	Gross Vehicle Weight (GVWR) Kg		
3	Drive		
3(a)	Full Forward Control Cowl		
4	Wheelbase (mm)		
5 (a)	Overall Length of the complete unit (mm)		
5 (b)	Overall Width of the complete unit (mm)		
5 (c)	Overall Height of the complete unit (mm)		
6	Ground Clearance (mm)		

Part A <u>TECHNICAL</u> A 1.1 (FIRE TENDER CHASSIS)					
Sl. No.	Parameters / Requirements			Bidder's Offer (To indicate make, model, details, yes/no, As applicable)	Remarks, If Any
7	Laden Weight (Total weight of the unit) Kg				
8	Engine	a	Make & Model		
		b	Maximum Output Power		
		c	Maximum Output Torque		
		d	Naturally Aspirated or Turbo Charged		
		e	Emission Norms		
		f	Control System (Electronic)		
		g	Number of cylinders		
		h	Fuel to be used		
		i	Water cooled		
9	Transmission (Main)	a	Make & Model		
		b	Number of forward gears		
		c	Number of reverse gear(s)		
10	Make & Model of Transfer Case, if any				
11	Total number of PTOs in operation				
12	(i) Make & Model of Side PTO				
	(ii) Make & Model of PTO for the main water pump				
13	Make, Model & Type of Steering System				
13(a)	Right hand driven (Steering on Right Hand side inside the fire tender driver's cabin) unit				
14	Minimum Turning Circle Radius (MTCR)				
15	Type of Front Suspension				
16	Type of Rear Suspension				
17	Axles	a	Number of Front Axle		
		b	Capacity of Front Axle		
		c	Number of Rear Axle		
		d	Capacity of Rear Axle		
		e	Drive axle-Rear		
18	Type, Size of Wheel & Tyre	a	Number of wheels at Front		
		b	Tyre Size-Front		
		c	Number of wheels at Rear		
		d	Tyre Size-		

Part A <u>TECHNICAL</u> <u>A 1.1 (FIRE TENDER CHASSIS)</u>					
Sl. No.	Parameters / Requirements			Bidder's Offer (To indicate make, model, details, yes/no, As applicable)	Remarks, If Any
			Rear		
		e	Number of spare wheel		
		d	Tyre Size-spare wheel		
19	Type of Service Brake (S/Z-cam or not)				
20	Type of Wheel Brake Servos (screw type manual release or not)	a	Front		
		b	Rear		
		c	Suitable parking brake		
21	Fuel Tank capacity (litre)				
22	Reversing Alarm with Blinker Lights				
23	Provision of Air Dryer in truck's pneumatic system.				

ADDITIONAL/OTHER FITMENTS & ACCESSORIES			
Sl No.	Requirements		Bidder's Remarks (To indicate confirmed / not confirmed)
1.	All standard gauges and meters, Horn, Reversing Alarm, Lightings, Reflectors, Roof Lamps, Windscreen wipers, Sun shade, Glove box, Lockable fuel tank, Standard Tool Kit, 30T Capacity Hydraulic Jack with handle & wheel wrench, Mud flaps/guards etc.		
2.	Rear View Mirror- 02 Nos.		
3.	Well-covered Battery Box, Tool Box. Suitable storage box at suitable location.		
4.	Suitable Jaw & Pint type rear Towing Hook, mounting arrangement for spare wheel.		
5.	First Aid Box, Fire Extinguisher, Licence Holder at suitable locations and other fittings required as per MV Act.		

POWER TAKE OFF UNITS :		
Sl No.	Requirements	Bidder's Remarks (To indicate confirmed / not confirmed)
1.	Power take-off (PTO) unit for the main water pump shall be independent type, VAS Make	
2.	The PTO operation shall be through Pneumatic as well as mechanical cable linkage.	
3.	The power takes off unit for main water pump shall be of suitable model. The PTO shall be able to meet performance	

	requirement of pump.	
4.	Successful bidder shall submit a sketch showing the arrangement of PTO Unit for taking power from main engine on chassis to main water pump.	
5.	The drive assembly components (shaft, coupling etc) shall be dynamically balanced and the vibration at any of the rotary parts shall be minimum and in no case shall be more than 10mm/sec. Necessary modifications, to the standard drive system as available on the chassis, shall have to be done by the Successful Bidder so as to adopt the PTO Units in the system	

<b>Part B DOCUMENTATIONS B1.1 FIRE TENDER</b>			
<b>Sl. No.</b>	<b>Descriptions</b>	<b>Document Enclosed (Yes Or No)</b>	<b>Remarks, If Any</b>
1	Technical leaflets with detailed specifications, Make & Model of chassis, engine, transmission, transfer case (if any), PTOs, suspension, axle, steering, wheel & rim, brake, etc.		
2	Detailed dimensional layout drawing illustrating Driver's Cabin and all major items/ components.		
3	List of tools that shall be supplied under Standard Tool Kit for general maintenance of the fire tender.		
4	Checklist for Fire Tender Chassis as per enclosed Format.		

## **7. WARRANTY/GUARANTEE:**

Notwithstanding the Guarantee/Warranty clause(s) mentioned elsewhere in the tender, complete unit(s) shall be under guarantee/warranty by the supplier for a minimum period of 1(one) year from the date of successful commissioning at site.

OIL reserves the right to inspect, test and if necessary, reject the fire tender or any part/parts after delivery at site, only if the said rejection is attributed to be the responsibility of the supplier. It shall, in no way be limited or waived by the reason that the fire tender was being previously inspected, tested and passed by OIL.

## **8. DEVIATIONS FROM THE SPECIFICATIONS:**

The bidder shall enclose comprehensive list of intended deviations from the technical specifications, of any clearly highlighting the reasons thereof, along with the bid. Deviations from the Technical specifications are intended, the same shall be confirmed in the offer. However, OIL reserves the right for acceptance or rejection of the deviation(s).

# **PART – B Fabrication OF “Multi Purpose Fire Tender” With Accessories**

## **1.0 SCOPE :**

- 1.1 This specification covers the requirements regarding design, procurement, fabrication, testing and supply of “Multi-Purpose Fire Tender” to be used for fire fighting. The scope of supply shall be inclusive of, but not limited to the following.
- 1.1.1 Chassis
  - 1.1.2 A centrifugal type Water Pump of 3200 LPM discharge capacity at 7 Kg/cm<sup>2</sup> (M/s Godiva, UK Make)
  - 1.1.3 Auxiliary water pump (i.e. 3 or 6 Plunger Pump) of 150 LPM at 100 bar pressure.
  - 1.1.4 Water Ring Primer
  - 1.1.5 Exhaust Ejector Primer
  - 1.1.6 Power take-off unit for driving the main pump
  - 1.1.7 Water tank of capacity **4000** Litres capacity
  - 1.1.8 Foam Tank of capacity **1000** Litres capacity
  - 1.1.9 Dry Chemical Powder Vessel **500** Kg Capacity (The minimum water capacity of the Vessel should be 500 Ltrs. and design to accommodate the Dry Chemical powder with apparent density  $1 \pm 0.15$ )
  - 1.1.10 Water cum Foam monitor (Discharge from **300 to 1000** GPM) (UL Listed/FM Approved)
  - 1.1.11 Body Fabrication/ Works
  - 1.1.12 Control Panel
  - 1.1.13 Accessories and spares
  - 1.1.14 Piping, necessary controls etc. Complete
- 1.2 The chassis for the “Multi-Purpose Fire Tender” shall be procured & supplied by the Successful Bidder. The Successful Bidder shall be responsible for supplying all equipment / accessories and properly fixing them on the chassis as described in this specification. Other details and requirements which are not covered under this specification, but may be necessary to complete the **“MULTI-PURPOSE FIRE TENDER”** and/or to fulfil the operation/performance requirement shall be provided by the Successful Bidder, who will be responsible for the design and construction of the complete Unit to the full satisfaction of M/s Oil India Ltd.

## **2.0 GENERAL REQUIREMENTS:**

- 2.1 The **“MULTI-PURPOSE FIRE TENDER”** including all accessories shall be designed, manufactured, tested etc. as per relevant Indian, International Standards, wherever applicable and as per sound engineering practice.
- 2.2 All the equipment and accessories shall be fixed on the Unit in a compact and neat manner and shall be so placed that each part is easily and readily accessible for use and maintenance. The centre of gravity shall be kept as low as possible.
- 2.3 The controls on control panel shall be so arranged that one man can operate all the controls.
- 2.4 The Successful Bidder shall provide a detailed description of the **“MULTI-PURPOSE FIRE TENDER”**, a list of equipment to be furnished, and other construction and performance details to which the **“MULTI-PURPOSE FIRE TENDER”** shall conform.
- 2.5 The detailed description of the **“MULTI-PURPOSE FIRE TENDER”** shall include, but shall not be limited to, estimated weight, wheelbase, turning clearance radius, principal dimensions, transmission, and axle ratios.
- 2.6 Responsibility for the **“MULTI-PURPOSE FIRE TENDER”** and equipment shall remain with the Successful Bidder until they are accepted by the OIL.
- 2.7 On initial delivery of the **“MULTI-PURPOSE FIRE TENDER”**, the Successful Bidder shall depute a qualified representative to demonstrate the **“MULTI-PURPOSE FIRE TENDER”** and

provide initial instructions to representatives of OIL regarding the operation, care, and maintenance of the “**MULTI-PURPOSE FIRE TENDER**” and equipment supplied.

## 2.8 **INSPECTION & TESTING :**

2.8.1 Third Party Certification of Test Results:-The results of tests to be certified by OIL's Approved third party certification organization.

2.8.2 Prior to dispatch of Unit from Successful Bidder's shop, Stage inspection & testing shall be carried out by the Successful Bidder to the complete satisfaction of third party inspection agency as mentioned below :-

<b>Stage</b>	<b>Scope of Inspection (But not limited to)</b>
<b>First stage</b>	<p><b>Chassis &amp; Materials Inspection:</b> The successful bidder shall facilitate inspection of chassis by OIL's Engineers along with Third Party Inspection Agency for inspection of the Chassis &amp; other materials to be used for fabrication of the MULTI-PURPOSE FIRE TENDER.</p> <ul style="list-style-type: none"> <li>(i) Chassis Identification &amp; physical verification of chassis No., engine No. etc.</li> <li>(ii) Verification of all document related to chassis procurement.</li> <li>(iii) Verification of all Documents related to Quality of material of tanks &amp; DCP Vessel.</li> <li>(iv) Thickness measurement of Tanks &amp; DCP Vessel plates and distinct marking of each material by ultrasonic thickness gauge.</li> <li>(v) Physical Identification of material of Tanks, Super structure, under structure etc.</li> <li>(vi) Physical Identification of Components / sub-assemblies identification, before fabrication.</li> <li>(vii) Cutting &amp; marking of material sample for laboratory test (Chemical &amp; Physical).</li> <li>(viii) Verification of all manufacturers/ fabricators document including documents of imported items.</li> <li>(ix) Calibration checking and documents of testing instruments, gauges, tools, accessories etc.</li> <li>(x) Positioning of Tanks &amp; vessels on the chassis.</li> </ul>
<b>Second stage</b>	<p><b><u>After completion of under structure:</u></b></p> <ul style="list-style-type: none"> <li>(i) Hydro testing of Tanks</li> <li>(ii) Dye penetration test of all weld joints of Tanks</li> <li>(iii) Verification of laboratory test (Chemical &amp; Physical) material Test Certificates (MTC)</li> <li>(iv) Positive Material Identification (PMI) of material</li> <li>(v) Construction of under- structure &amp; super structure</li> <li>(vi) Water &amp; Foam tank and DCP vessel.</li> <li>(vii) Documents related to Quality of material of tanks and thickness of tank's plates, radiography inspection report and stamped by recognised third party inspector.</li> <li>(viii) Dimensions check of under structure on chassis, fabricated components as per specifications &amp; approved drawings.</li> <li>(ix) Location for Placement of tank, fittings, lockers, pump, quality of fabrication.</li> <li>(x) Calibration checking of testing instruments, gauges, tools, accessories etc.</li> </ul>
<b>Final stage</b>	<p><b><u>After completion of panelling, fitment before final painting:</u></b></p> <ul style="list-style-type: none"> <li>(i) Review of observations of First &amp; Second stage inspections.</li> <li>(ii) Stability checking of the unit after mounting all equipment and accessories. It should be free from undue rattling and vibration.</li> <li>(iii) Check proper functioning of all types of signal lights, alarms, Bell etc.</li> </ul>

	<ul style="list-style-type: none"> <li>(iv) Check quality of workmanship.</li> <li>(v) Check calibration of instruments, gauges, tools, accessories etc.</li> <li>(vi) Check operation of various levers, locks, caps, fitment of tanks, linkages, Markings and plumbing work.</li> <li>(vii) Performance test of all the systems, DCP, Pumps, Primer, PTOs, load &amp; stability test of <b>MULTI-PURPOSE FIRE TENDER</b>,</li> <li>(viii) Testing of equipment / tools &amp; Unit</li> <li>(ix) Checking of all relevant documents etc.</li> </ul>
--	--

2.8.3 **Endurance Test:** The pump will be tested for a continuous period of four hours & water will not be replenished during this test, engine will not show signs of overheating. During this test, the temperature of engine should not exceed the rated temperature and that of lubricating oil 79°C.

2.8.4 **Priming Test:** The priming will be tested as per the latest standards & the system will be subjected to a test at a suction of vertical lift of 7 Mtrs measured from water level to the centre of suction eye of the pump at a rate of not less than 23-24 seconds.

2.8.5 **Hydraulic Testing:** All the pipings will be subjected to hydraulic test pressure of 18 Kg/cm<sup>2</sup> for a period of 2 hrs. The pump casing will be subjected to a hydraulic test pressure of a minimum 21 Kg/cm<sup>2</sup>.

2.8.6 **Shower Test:** After completion of the fabrication, the Unit will be subjected to shower test as per the norms laid down under BIS. The Unit will not show any signs of leakages during this test.

2.8.7 **Road Test:** Unit will be tested for braking, acceleration & top speed by the inspecting officers.

After full laden of fire Tender.

- (i) Max. Speed attained.
- (ii) Any rattling or abnormal sound.

Stability test under fully equipped & loaded condition as per 1.

Hand Brake- Fully laden on 1 in 4 gradients in neutral gear.

2.8.8 All consumable (e.g. diesel fuel, engine lube oil, water etc.) shall be arranged by Successful Bidder at his own cost. Successful Bidder shall arrange all facilities to carry out inspection & testing.

2.8.9 OIL representatives shall have access at all reasonable times to Successful Bidder's works where the Unit or its accessories are being fabricated and tested.

2.8.10 Drawings (i.e. Skelton Structure, Water & Foam Tank drawing, General layout drawing, Load distribution chart, Electric circuit diagram etc.) & Quality assurance Plan (QAP) shall be approved by Oil India Ltd. No supply shall be accepted unless drawings & Quality assurance Plan (QAP) are finally approved by Oil India Ltd.

2.8.11 Third party Inspection agency shall carryout the Inspection based on approved drawings & approved QAP.

2.8.12 The inspection release note of Third part Inspection agency shall clearly stipulate that Material /equipment have been inspected as per approved drawings & approved QAP.

2.8.13 All the tests/ stage inspections for Unit shall be witnessed by Oil India Ltd. representatives along with third party inspection agency.

#### 2.8.14 **For Water & Foam Tanks:**

2.8.14.1 Review of mill test certificates and Co-relation of raw materials before start of fabrication.

2.8.14.2 DP test of all welds of water & Foam tanks.

2.8.14.3 DP test of all nozzles to shell (reinforcement pads) for water & Foam tanks.

2.8.14.4 Visual and dimensional check of water & Foam tanks before mounting on chassis.

2.8.14.5 Hydraulic test of completed water & Foam tanks. Hydraulic test shall be carried out at 0.5 KG/CM<sup>2</sup> (G) at top of tanks. Pressure shall be held for the duration to permit complete inspection.



**2.8.15 For Piping :**

- 2.8.15.1 Review of mill test certificates and co-relation of raw materials (for pipes, fittings, valves etc) before start of fabrication.
- 2.8.15.2 DP test of butt welds and final run.
- 2.8.15.3 DP test of all flanges to pipe welds.
- 2.8.15.4 Radiographic examination of 10% butt welds (selected at random).
- 2.8.15.5 Hydraulic test of piping installation on chassis.
- 2.8.15.6 Visual and dimensional check.

**2.8.16 For Water Pump :**

- 2.8.16.1 Review of mill test certificates for material of casing, impeller and shaft.
- 2.8.16.2 Performance testing of pump to establish the performance curve at rated speed and power absorbed at rated conditions. Parameters at maximum & minimum allowable speeds shall be evaluated to establish performance curves at these speeds.
- 2.8.16.3 The Pump shall be run for a period of four hours non-stop delivering the rated output with a lift of 3m . During the test all parameter like cooling system, temperature of the engine, oil, PTO sump oil temperature shall match as per manufacturer's recommendation.
- 2.8.16.4 The pump casing and impeller shall be subjected to a hydraulic pressure 1.5 times of maximum operating pressure to detect leakage performance etc.
- 2.8.16.5 Priming Test: The primer shall be capable of lifting water at least 7m in less than 24 second.

**2.8.17 Power Input At Rated Conditions :**

- 2.8.17.1 Four-hour mechanical run test shall also be carried out.
- 2.8.17.2 Performance test shall be done on test bench with shop driver.
- 2.8.17.3 Four hour run test at rated conditions for verifying performance.
- 2.8.17.4 NPSH test.
- 2.8.17.5 Visual and dimensional check.
- 2.8.17.6 Performance test of auto water ring primer at rated conditions.

**2.8.18 For Water Pump (Auxiliary Pump) :**

- 2.8.18.1 All standard tests as specified by the Pump supplier.

**NOTE:** The above inspections & tests shall be carried out at pump manufacturer's / Fabricator's shop prior to dispatch. Third party inspection agency shall review the documents for the tests carried out by the manufacturer.

**2.8.19 For PTO Units :**

- 2.8.19.1 All standard tests as specified by the PTO supplier.

**2.8.20 For Foam Cum Water Monitor :**

- 2.8.20.1 Availability of the specified flow and pressure of water and Foam solution at the base flange for the monitor.
- 2.8.20.2 Review of mill certificates for material.
- 2.8.20.3 Hydro-testing of monitor at 25 KG/CM<sup>2</sup> pressure
- 2.8.20.4 Horizontal & vertical movements of monitor.
- 2.8.20.5 Spray/jet pattern of the monitor.
- 2.8.20.6 Foam expansion ratio of monitor.
- 2.8.20.7 Water & Foam throws.
- 2.8.20.8 Workmanship & painting.

**2.8.21 For DCP Vessels:**

- 2.8.21.1 Review of mill test certificates and co-relation of raw materials before start of fabrication.
- 2.8.21.2 DP test of root run and completed weld for all seams of vessels.

- 2.8.21.3 DP test of all nozzles to shell joints (i.e. reinforcement pads)
- 2.8.21.4 100% Radiographic examination of all welds of the vessels.
- 2.8.21.5 Hydrostatic test of each vessel at 21 Kg. /Cm<sup>2</sup> for 30 min.
- 2.8.21.6 Visual and dimensional check of vessels before mounting on chassis.

#### 2.8.22 **For DCP Piping**

- 2.8.22.1 Review of mill test certificate and co-relation of raw materials (For pipes, fittings, valves etc.) before start of fabrication.
- 2.8.22.2 DP test of root run and final run of all butt welds DP test of all socket welds.
- 2.8.22.3 Radiographic examination of 10% butt welds (selected at random)
- 2.8.22.4 Hydraulic test of piping before installation of chassis.
- 2.8.22.5 Visual and dimensional check.

#### 2.8.23 **For “Multi-Purpose Fire Tender” (During Fabrication & Assembly) :**

- 2.8.23.1 Review of mill test certificates and co-relation of raw materials used for structure & body fabrication before start of fabrication.
- 2.8.23.2 Inspection of framework for soundness of welding and fitment of chassis and dimensional check.
- 2.8.23.3 Inspection for proper installation of pumps, tanks, piping with supports and their dimensional checks.
- 2.8.23.4 Inspection for proper installation of DCP vessels, piping with supporting etc. and dimensional check.
- 2.8.23.5 Visual inspection of raw materials for framework, cladding, flooring etc.

#### 2.8.24 **For Completed Unit :**

- 2.8.24.1 All consumables (Foam, DCP, Nitrogen gas in cylinders, fuel, engine lube oil, Water etc.) required during inspection & testing shall be arranged by Successful Bidder at his own cost. Successful Bidder shall arrange all facilities to carry out inspection & testing.
- 2.8.24.2 Determination of actual payload on the chassis so as to confirm payload given by Successful Bidder in the bid. For determining actual laden weight, all tanks shall be full, all removable accessories will be on Unit with a crew of six.
- 2.8.24.3 For determining actual payload all Tanks & vessel shall be charged to rated capacity, charged nitrogen cylinders on board, all removable accessories will be on Unit with crew of six.
- 2.8.24.4 Static stability of the fully laden Unit shall be checked to ensure that no overturning occurs till Unit attains tilting of  $35 \pm 1$  degrees from horizontal.
- 2.8.24.5 Road test of the fully laden Unit shall be carried out to ensure the maximum speed, acceleration, turning radius, breaking ability as specified by chassis manufacture.
- 2.8.24.6 Dimensional check of completed Unit. The overall height shall be measured both when Unit is laden with full payload and un-laden.
- 2.8.24.7 Test to confirm functional capability of the **“MULTI-PURPOSE FIRE TENDER”** shall be carried out:
  - 2.8.24.7.1 Running of water pump at rated conditions while discharging water through various outlets individually and in combination.
  - 2.8.24.7.2 The pump shall be run for minimum 4 hours continuously at rated conditions.
  - 2.8.24.7.3 Functional testing of each water outlet (hose point / hose reel) individually and in combination.
  - 2.8.24.7.4 Performance tests of Foam-cum water monitor.
  - 2.8.24.7.5 Performance tests of Foam-cum-water monitor with water through hydrant inlets.
  - 2.8.24.7.6 Functional testing of each hose outlet individually and in combination.
  - 2.8.24.7.7 Vibrations at rotary parts

## 2.9 **Personnel Protection :**

- 2.9.1 Electrical insulation or isolation shall be provided where necessary in order to prevent electrical shock from onboard electrical systems.
- 2.9.2 Workmanship shall ensure an operating environment free of accessible sharp projections and edges.
- 2.9.3 Safety-related (caution, warning, danger) signs shall meet the requirements of job.
- 2.10 **Controls and Instructions :**
  - 2.10.1 Illumination shall be provided for controls, switches, instruction plates, gauges, and instruments necessary for the operation of the “**MULTI-PURPOSE FIRE TENDER**” and the equipment provided on it.
  - 2.10.2 All required signs, plates, and labels shall be permanent in nature and securely attached
  - 2.10.3 No gauge or visual display shall be more than 84 in. (2.1 m) above the level where the operator stands to read the instrument.
- 2.11 **Unit Stability :**
  - 2.11.1 When the “**MULTI-PURPOSE FIRE TENDER**” is loaded to its maximum in-service weight, the height of the Unit's center of gravity shall not exceed the chassis manufacturer's maximum limit.
- 2.12 **Weight Distribution :**
  - 2.12.1 When the “**MULTI-PURPOSE FIRE TENDER**” is loaded to its maximum in-service weight, the front-to-rear weight distribution of the “**MULTI-PURPOSE FIRE TENDER**” as defined shall be within the limits set by the chassis manufacturer.
  - 2.12.2 The axle loads shall not be more than the axle loads specified by the chassis manufacturer under full load and all other loading conditions.
- 2.13 **Load Distribution :**
  - 2.13.1 Using the information supplied by OIL, the “**MULTI-PURPOSE FIRE TENDER**” manufacturer shall calculate the load distribution for the “**MULTI-PURPOSE FIRE TENDER**”.
  - 2.13.2 The manufacturer shall engineer the “**MULTI-PURPOSE FIRE TENDER**” to comply with the gross axle weight ratings (GAWR), the overall gross Unit weight rating (GVWR), and the chassis manufacturer's load balance guidelines.
  - 2.13.3 **The total laden weight of the unit should not exceed the permissible GVW of Unit.**
- 2.14 **MULTI-PURPOSE FIRE TENDER Performance :**
  - 2.14.1 The **MULTI-PURPOSE FIRE TENDER** shall meet all the requirements while stationary on a grade of 6 percent in any direction.
- 2.15 **Serviceability :**
  - 2.15.1 Where special tools are required for routine service on any component of the **MULTI-PURPOSE FIRE TENDER**, such tools shall be provided with the **MULTI-PURPOSE FIRE TENDER**.
- 2.16 **Road Tests :**
  - 2.16.1 Road tests shall be conducted in accordance with this section to verify that the completed **MULTI-PURPOSE FIRE TENDER** is capable of compliance roadability.
- 2.17 **INFORMATION / DOCUMENTS REQUIRED FROM SUCCESSFUL BIDDER :**
  - 2.17.1 Any documentation provided with the **MULTI-PURPOSE FIRE TENDER** shall be permitted to be in printed format, electronic format, audiovisual format or a combination thereof.
  - 2.17.2 All drawings & literature shall be kept in Proper folders.
  - 2.17.3 All literature shall be on A-4 size paper and shall be properly laminated.

2.17.4 Each drawing shall be kept in separate pockets in folder. Contents in each pocket shall be labelled properly.

**2.17.4.1 AFTER PLACEMENT OF ORDER :**

The following documents are required to be submitted in 2 sets and to be approved prior to start of fabrication:

- 2.17.4.1.1 Flow diagram showing all piping tanks, pumps, valves etc.
- 2.17.4.1.2 GA & cross sectional drawings, characteristic curves and other details for water pump.
- 2.17.4.1.3 Internal Drawings for PTO Unit and other technical details.
- 2.17.4.1.4 Drawings for PTO system to drive pumps from engine.
- 2.17.4.1.5 Detailed Drawing for Foam-cum water monitor.
- 2.17.4.1.6 Fabrication drawings & data for water tanks.
- 2.17.4.1.7 Line diagram for electrical circuits.
- 2.17.4.1.8 Drawings showing layout of all equipment, lockers, cabin etc.
- 2.17.4.1.9 QAP incorporating the stipulated inspection and testing requirements.

**2.17.4.2 AFTER COMPLETION OF ORDER (4 SETS) :**

The manufacturer's record of MULTI-PURPOSE FIRE TENDER construction details, including the following Information:

- 2.17.4.2.1 M/s Oil India Ltd. name and address (Oil India Ltd., Rajasthan Project)
- 2.17.4.2.2 MULTI-PURPOSE FIRE TENDER manufacturer, model, and serial number
- 2.17.4.2.3 Chassis make, model, and serial number.
- 2.17.4.2.4 Front tyre size and total rated capacity in pounds (kilograms)
- 2.17.4.2.5 Rear tyre size and total rated capacity in pounds (kilograms)
- 2.17.4.2.6 Chassis weight distribution in pounds (kilograms) with water & manufacturer mounted equipment (front and rear)
- 2.17.4.2.7 Engine make, model, serial number, rated horsepower and related speed, and governed speed
- 2.17.4.2.8 Fuel tank capacity
- 2.17.4.2.9 Battery make, model, and capacity in cold cranking amps (CCA)
- 2.17.4.2.10 Chassis transmission make, model, and serial number
- 2.17.4.2.11 Chassis transmission PTO(s) make, model, and gear ratio
- 2.17.4.2.12 Pump make, model, rated capacity in liters per minute and serial number
- 2.17.4.2.13 Water & Foam tanks certified capacity in liters.
- 2.17.4.2.14 Paint manufacturer and paint number(s)
- 2.17.4.2.15 As built drawings of MULTI-PURPOSE FIRE TENDER
- 2.17.4.2.16 As built drawings for tanks.
- 2.17.4.2.17 Flow diagram.
- 2.17.4.2.18 GA & cross sectional drawings, characteristic curves and other details for water pump.
- 2.17.4.2.19 As built Drawings for Installation of PTO Units.
- 2.17.4.2.20 As built Drawing for Foam-cum water monitor.
- 2.17.4.2.21 As built Line diagram for electrical circuits.
- 2.17.4.2.22 All inspection and testing records for tank, pump, PTO's, piping, valves, monitor etc.
- 2.17.4.2.23 Operating and instruction manual for the MULTI-PURPOSE FIRE TENDER. This should also contain adequate information for all bought out items also.
- 2.17.4.2.24 Fire pump manufacturer's certification of suction capability
- 2.17.4.2.25 Fire pump, the pump manufacturer's certification of the hydrostatic test
- 2.17.4.2.26 Weight documents showing actual loading of "MULTI-PURPOSE FIRE TENDER" (with the full extinguishing media but without personnel, equipment, and hose).
- 2.17.4.2.27 Operations and Service Documentation :

- 2.17.4.2.27.1 The Successful Bidder shall supply operation and service documentation covering the completed MULTI-PURPOSE FIRE TENDER as delivered and accepted.
- 2.17.4.2.27.2 The documentation shall address at least the inspection, service, and operations of the "MULTI-PURPOSE FIRE TENDER" and all major components thereof.

### **3.0 MULTI-PURPOSE FIRE TENDER EQUIPMENT:**

#### **3.1 Equipment Storage :**

- 3.1.1 Enclosed weather-resistant compartmentation meeting the requirements for the storage of equipment.

#### **3.2 Hose Storage :**

- 3.2.1 A minimum hose storage area to store 15 Nos. delivery fire hoses of 2½ in. (65 mm) of 22.5 m in length that meets the requirements.

#### **3.3 Minor Equipment :**

- 3.3.1 Brackets or compartments shall be furnished so as to organize and mount the specified equipment.

#### **3.3.2 Following equipments shall be supplied:**

- 3.3.2.1 One first aid kit
- 3.3.2.2 One Nos. HDPE Long Spine Boards Stretcher.
- 3.3.2.3 Two combination spanner wrenches
- 3.3.2.4 Two hydrant wrench
- 3.3.2.5 Double female adapter, sized to fit 2½ in. (65 mm) conforming to IS-901/1993- 5 Nos. (In locker)
- 3.3.2.6 Double male adapter, sized to fit 2½ in. (65 mm) conforming to IS-901/1993- 5 Nos. (In locker)
- 3.3.2.7 Four Nos. wheel chocks with chain link, mounted in readily accessible locations, each designed to hold the MULTI-PURPOSE FIRE TENDER.
- 3.3.2.8 Fog lamps powered by the battery of the Unit- 2 Nos. (Fitted on front of MULTI-PURPOSE FIRE TENDER. Switch in cabin).
- 3.3.2.9 Reversing lights-2 Nos. (At rear of chassis)
- 3.3.2.10 Strong Reversing siren connected with reverse gear of the Unit-1 set (Mounted on roof)
- 3.3.2.11 Search light with 100M length of cable with tripod etc. completes powered from main batteries - 1 set (mounted on roof)
- 3.3.2.12 All tools required for normal / routine maintenance of the Unit, which are not included with the kit of chassis -1 Set (In tool box under rear seat in cabin).
- 3.3.2.13 Description of Ordinary Hand Tools in tool box

<b>Sr No</b>	<b>Description of Material</b>	<b>Quantity of Tools</b>
1.	Set of pipe wrench of sizes: - 8",10",12",14",18"	01 each
2.	Double open end spanner (set of 6 mm to 32 mm) 6x7,8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 22x24, 24x26, 24x27, 25x28, 30x32	01 Set
3.	Ring spanner set (06 mm to 32 mm) 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 24x27, 25x28, 30x32 (Total 13 Nos.)	01 Set
4.	Adjustable slide wrench (04 Nos.) (150 mm, 200, 250 mm & 300 mm)	01 each
5.	Allen keys (in L' shape) & (size in MM) 1.5, 2, 2.5, 3, 04, 05, 06, 07, 08, 09, 10 & 12 (12 Nos.)	01 each
6.	Combination pliers (02 nos.) 150 mm & 200 mm	01 each

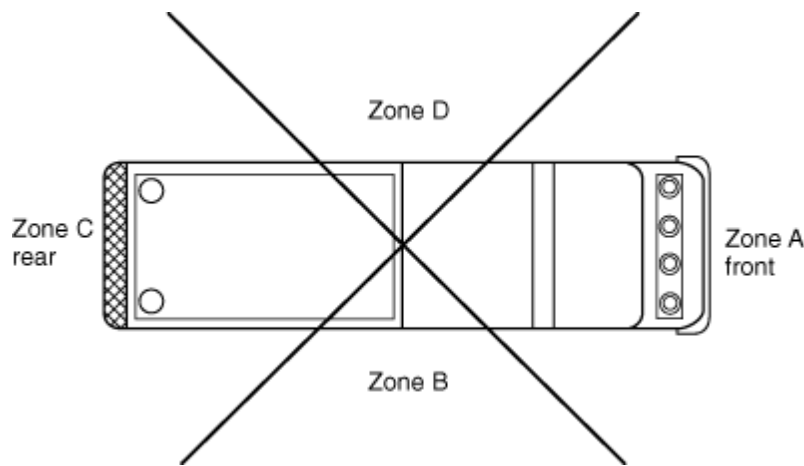
7.	Flat file (02 Nos.) 150 mm & 200 mm	01 each
8.	Half round file (200 mm)	01 No.
9.	Hack saw frame with handle (for 12" long blade) along with 10 Nos. of blades.	01 Set
10.	Screw drivers (in mm) 04 Nos. 50x3, 100x4, 125x6, 150x8.	01 each
11.	Oil can 1/2 pint capacity	01 No.
12.	Steel measuring tape (05 meter long)	01 No.
13.	Nose Plier 150 mm	01 No.
14.	Bolt Cutter-12 Inch & 24 Inch with Spare Blades Set for Bolt Cutters (Taparia Make)	02 No. Each
15.	Tin Cutter of good quality	02 Nos.
16.	Tool box, to contain all above mentioned tools in proper condition. It should be drawer type with 03 pull out drawers and a tote tray with locking system.	01 No.
17.	Centre Punch	02 No.
18.	Threading Tools, 20 Pcs Taps And Die Set	01 Set

- 3.3.2.14 PESO/CCE approved removable spark arrestor (If chassis manufacturer has not provided) fitted to the exhaust of the engine - 1 No.
- 3.3.2.15 Stainless Steel dividing breeching each having two 63MM female instantaneous type outlets, conforming to IS-905/1980- 1 Nos. (In Locker)
- 3.3.2.16 Stainless Steel collecting breeching each having two 63MM male instantaneous type outlets, conforming to IS-905/1980- 1 Nos. (In Locker)
- 3.3.2.17 Stainless Steel 3 way suction collecting head (With one 140MM outlet with round female threads and two female instantaneous type inlets), conforming to IS-904/1983-1 Nos. (In Locker).
- 3.3.2.18 Lightweight PVC rubber suction hose fitted with round thread male-female gun metal couplings. Length – 4.5 meter, Diameter: as per pump suction - 4 Nos. (In compartment on top deck, Compartment shall be open able from top with latching system)
- 3.3.2.19 Suction strainer with foot valve size to suit suction hose as per IS: 907-1984 - 1 Nos. (In locker)
- 3.3.2.20 Stainless steel foot strainer-1 Nos. (In locker)
- 3.3.2.21 Suction Wrench to tighten suction hose as per IS:4643- 04 Nos. (In locker)
- 3.3.2.22 Hose clamps as per IS:5612 (Part-1-1977) - 2 Nos. (In locker)
- 3.3.2.23 Automatic Nozzle which shall flow from 60-200 GPM with unobstructed water way. The nozzle should have pistol grip. The nozzle shall be M/s. Elkhart / M/s. TFT make only – 04 Nos. (in locker)
- 3.3.2.24 Low pressure diffuser branch, conforming to IS-903/1993- 1 Nos. (In locker)
- 3.3.2.25 Fireman's axe with belt and pouches conforming to IS: 3650-1981- 02 Nos. (In locker)
- 3.3.2.26 Crow bar (IS: 704-1984)- 1 No. (In locker)
- 3.3.2.27 Sledge hammer - 1 No. (In locker)
- 3.3.2.28 Female Adapter (140 mm X 100 mm) - 02 Nos.
- 3.3.2.29 Spade – 02 No.
- 3.3.2.30 Ceiling Fire hook as per IS:927:1981-2007 or latest - 1 No.
- 3.3.2.31 One 6 lb (2.7 kg) flathead or pick head axe mounted in a bracket fastened to the Tender
- 3.3.2.32 Door Breaker-01 No.
- 3.3.2.33 Carpenter saw-01 No.
- 3.3.2.34 Inline inductor 225 LPM-01 No.
- 3.3.2.35 Inline inductor 450 LPM- 01 No.
- 3.3.2.36 ISI marked 63MM SS male instantaneous couplings (threaded) with caps - 2 Sets.

- 3.3.2.37 ISI marked 63MM SS female instantaneous couplings (threaded) with caps - 2 Sets.
- 3.3.2.38 Hydrant key for 4" Gate valve : 10 nos.
- 3.3.2.39 Hydrant Key for 2 ½" hydrant valve: 10 Nos.
- 3.3.2.40 Suction adapter (Stainless Steel) 4 inch round threaded by 63 mm instantaneous male coupling -02 Nos.
- 3.3.2.41 Portable Pressure gauge for checking of Tyre Air Pressure.
- 3.3.2.42 Hydraulic Jack (Floor Type) ) – 15 to 20 Ton capacity.
- 3.3.2.43 Curtain Nozzle with 63 MM Male Instantaneous, Stainless Steel with portable with Carrying Handle (Make: Newage/ Shah Bhogilal/ TFT/ Akron) - 04 Nos.

## **4.0 CHASSIS AND UNIT COMPONENTS :**

- 4.1 Welding and drilling on frame work of chassis are not allowed.
- 4.2 An engine hour-meter shall be provided.
- 4.3 An angle of approach and an angle of departure of at least 8 degrees shall be maintained at the front and the rear of the Unit when it is loaded.
- 4.4 **POWER TAKE OFF UNITS :**
  - 4.4.1 Power take-off (PTO) unit for the main water pump shall be independent type. (Vas Make)
  - 4.4.2 The PTO operation shall be through Pneumatic as well as mechanical cable linkage.
  - 4.4.3 The power takes off unit for main water pump shall be of suitable model. The PTO shall be able to meet performance requirement of pump.
  - 4.4.4 Successful Bidder shall submit a sketch showing the arrangement of PTO Unit for taking power from main engine on chassis to main water pump.
  - 4.4.5 The drive assembly components (shaft, coupling etc) shall be dynamically balanced and the vibration at any of the rotary parts shall be minimum and in no case shall be more than 10mm/sec. Necessary modifications, to the standard drive system as available on the chassis, shall have to be done by the Successful Bidder so as to adopt the PTO Units in the system.
- 4.5 **FOR OTHER WORK ON CHASSIS :**
  - 4.5.1 No part of the bodywork shall reduce ground clearance of Unit to less than 36cm. & not increase the overall width to more than 2.60M. The highest part of the Unit with the monitor mounted on it shall not exceed 3.60M from the ground level. The construction of super-structure shall not reduce the angles of approach below 30 degree.
  - 4.5.2 3M/Hi-tech/ Zenith make anti-vibration rubber mats shall be provided while mounting the tanks etc. on the chassis.
  - 4.5.3 Reflective stripe(s) shall be affixed to the perimeter of the unit as per MVA.
  - 4.5.4 Arrangement shall be made on Dashboard opposite to the fire officers' seat to fix a Motorola mobile wireless set of 25W capacity. Power supply shall be provided from Unit battery. M/s Oil India Ltd. shall fit wireless set later.
- 4.6 **Optical Warning Devices :**
  - 4.6.1 MULTI-PURPOSE FIRE TENDER shall have a system of optical warning devices
  - 4.6.2 The optical warning system shall consist of an upper and a lower warning level.
  - 4.6.3 The four zones shall be designated A, B, C, and D in a clockwise direction with zone A to the front of the MULTI-PURPOSE FIRE TENDER in accordance with Figure 4.8.3.2.



**FIGURE: Warning Zones for Optical Warning Devices**

- 4.6.4 Each optical warning device shall be installed on the MULTI-PURPOSE FIRE TENDER and connected to the MULTI-PURPOSE FIRE TENDER's electrical system in accordance with the requirements
- 4.6.5 A master optical warning device switch that energizes all of the optical warning devices shall be provided in driver's cabin.
- 4.6.6 The optical warning system on the "MULTI-PURPOSE FIRE TENDER" shall be capable of two separate signaling modes during emergency operations.
- 4.6.7 One mode shall signal to drivers and pedestrians that the MULTI-PURPOSE FIRE TENDER is responding to an emergency and is calling for the right-of-way.
- 4.6.8 One mode shall signal that the MULTI-PURPOSE FIRE TENDER is stopped and is blocking the right-of-way.
- 4.6.9 The system shall be permitted to have a method of modifying the two signaling modes.
- 4.6.10 The optical warning devices shall be constructed or arranged so as to avoid the projection of light, either directly or through mirrors, into any driving or crew compartment(s).
- 4.6.11 The front optical warning devices shall be placed so as to maintain the maximum possible separation from the headlights.
- 4.6.12 The optical sources on each level shall be of sufficient number and arranged so that failure of a single optical source does not create a measurement point, in any zone on the same level as the failed optical source, without a warning signal at a distance of 100 ft (30 m) from the geometric center of the MULTI-PURPOSE FIRE TENDER.
- 4.6.13 Flash Rate.
- 4.6.13.1 The minimum flash rate of any optical source shall be 75 flashes per minute, and the minimum number of flashes at any measurement point shall be 150 flashes per minute.
- 4.6.14 Color of Warning Lights.
- 4.6.14.1 Permissible colors or combinations of colors in each zone, within the constraints imposed by applicable laws and regulations, shall be as shown in Table.

Table Zone Colors		
Color	Calling for Right-of-Way	Blocking Right-of-Way
Red	Any zone	Any zone
Blue	Any zone	Any zone
Yellow	Any zone except A	Any zone
White	Any zone except C	Not permitted

#### 4.6.15 Audible Warning Devices :

- 4.6.15.1 Audible warning equipment in the form of at least one automotive traffic horn and one electric or electronic siren shall be provided.
- 4.6.15.2 A means shall be provided to allow the activation of the siren within convenient reach of the driver.



## 4.7 **Work Lighting :**

### 4.7.1 **Ground Lighting :**

- 4.7.1.1 The work area immediately behind the Unit shall be illuminated
- 4.7.1.2 The “MULTI-PURPOSE FIRE TENDER” shall be equipped with lighting that is capable of providing illumination on ground areas within 30 in. (800 mm) of the edge of the MULTI-PURPOSE FIRE TENDER in areas designed for personnel to climb onto the MULTI-PURPOSE FIRE TENDER or descend from the MULTI-PURPOSE FIRE TENDER to the ground level.
- 4.7.1.3 All other ground area lighting shall be switchable.
- 4.7.1.4 Surface Lighting: The MULTI-PURPOSE FIRE TENDER shall have sufficient lighting on all work surfaces, steps, and walkways.
- 4.7.1.5 Interior Lighting: The MULTI-PURPOSE FIRE TENDER shall have sufficient lighting to provide in the driving and crew compartments.
- 4.7.1.6 Compartment Lighting Each engine compartment and pump compartment shall have a light.
- 4.7.1.7 Each enclosed tool and equipment compartment greater than 4 ft<sup>3</sup> (0.1 m<sup>3</sup>) in volume and having an opening greater than 144 in.<sup>2</sup> (0.9 m<sup>2</sup>) shall have an average minimum level of lighting.
- 4.7.1.8 Switches for all work lighting shall be readily accessible.
- 4.7.1.9 The lights shall be arranged or protected to minimize accidental breakage.

### 4.7.2 **Backup Alarm (Reverse Horn) :**

- 4.7.2.1 An electric or electronic backup alarm (Reverse Horn) with light indication shall be provided that meets the Type D (87 dBA) requirements.

4.7.3 The MULTI-PURPOSE FIRE TENDER shall be equipped with all legally required stop, tail, and directional lights.

4.7.4 Directional lights shall be visible from the front, sides, and rear of the MULTI-PURPOSE FIRE TENDER.

4.7.5 Equipment shall not be mounted in a manner that obscures the stop, tail, or directional lights.

## 5.0 **DRIVING AND CREW AREAS:**

### 5.1 **General :**

5.1.1 Each crew riding position shall be within a fully enclosed personnel area.

5.1.2 All interior crew and driving compartment door handles shall be designed and installed to protect against accidental or inadvertent opening.

### 5.1.3 **Means of Escape :**

5.1.3.1 Any interior area to be occupied by personnel shall have a minimum of two means of escape.

5.1.3.2 Each opening shall be large enough for a person to escape through the opening.

5.1.4 **Instrumentation and Controls:** All the standard instrumentation and controls shall be mounted in the driving compartment and shall be identified and visible to the driver while seated.

5.1.5 Controls and switches that are expected to be operated by the driver while the MULTI-PURPOSE FIRE TENDER is in motion shall be within convenient reach for the driver.

5.1.6 There shall be two doors in the cabin, sized generously with proper arrangement for embarking and disembarking of crewmembers. The doors shall open outwards and hung forward and shall have levers for unlatching from outside and inside. The doors shall be provided with shatterproof safety glasses which can be raised / lowered by winding type mechanism.

- 5.1.7 First aid box made of fiber glass/ aluminum suitable for 10 persons shall be provided in the cabin. First aid box shall be suitably mounted in the cabin at easily accessible location.
- 5.1.8 Non slip type steps & grab rails shall be provided in the cabin to assist the crew members to get in & out. Front side of the cabin shall have glass paneling so that the crew can have an all-round view.
- 5.1.9 The cabin structure shall be so designed so as to avoid any vibration / rattling / deformation in the intended usage of the Unit. The entire floor of the cabin shall be provided with 3M make vinyl matting of minimum 6MM thickness with anti-skid features.
- 5.1.10 Battery shall be placed in totally enclosed box with spark proof gland for cable entry with battery cut-Off switch. Installed battery shall have a charging facility from external source at its location itself.

## 5.2 Seating arrangement

- 5.2.1 Seating arrangement for 6 persons shall be provided in cabin.
- 5.2.2 For Driver & Officer In-charge each - "HO Bostrom, USA / Ziamatic/ USSC Valor, USA make"
- 5.2.3 For Crew (04 Nos.) - "HO Bostrom, USA / Ziamatic/ USSC Valor, USA make"

## 6.0 **BODY, COMPARTMENTS AND EQUIPMENT MOUNTING:**

### 6.1 STRUCTURE / FRAME WORK :

- 6.1.1 The structure/frame work on chassis & crew cabin shall be of welded construction and made from 30 mm X 30 mm X1.6 mm hollow square section of **SS-316L** and distance between each horizontal and vertical square shall be maximum 400 mm. Cross supporting members of the panelling shall be made of SS-316L channels of 75 mm X 5 mm thickness
- 6.1.2 The entire roof of the Unit including the crew cabin top, entire rear, crew cabin floor, locker floor and sides shall be made from minimum 2 MM of Aluminium sheets suitably treated for slippage and these shall be bolted to the frame for ease in removal of the tank for repairs. The roof of the cabins should be rigid enough to take the weight of two persons without deforming the roof sheeting.
- 6.1.3 Area around the monitors operation shall be provided with 16 SWG anodized aluminium-chequered plate (in addition to the 2 mm Aluminium sheets) and shall be bolted to the frame.
- 6.1.4 Proper access ladder with Grab rails and non-skid steps shall be provided to give access to the roof for approaching to the manholes for tank and monitor etc.
- 6.1.5 Access handrails shall be provided at each entrance to a driving or crew compartment and at each position where steps or ladders for climbing are located. Access handrails shall be constructed of, or covered with, a slip-resistant, non-corrosive material. Handrails shall be between 1 in. and 1-5/8 in. (25 mm and 41 mm) in diameter and have a minimum clearance between the handrails and any surface of at least 2 in. (51 mm).
- 6.1.6 All handrails shall be designed and mounted to reduce the possibility of hand slippage and to avoid snagging of hose, equipment, or clothing.
- 6.1.7 Single Roller type Sun Shade Screen Assembly and long arm outside fitting rear view mirrors shall be fitted to cabin.
- 6.1.8 Proper draining arrangements shall be provided on the entire roof, crew cabin and inside the lockers.

### 6.2 LOCKERS :

- 6.2.1 Size and number of locker shall be decided such that on either side 15 nos. 22.5 m length fire hose can be easily accommodated in single layer and equipments may be accommodated in maximum two layers. Sufficient numbers of lockers shall be provided to accommodate all the equipment/accessories in an easily accessible manner.

- 6.2.2 All lockers shall be provided with Roller type shutter doors. The shutters shall have smooth operation. The aluminium shutters shall be dust & water proof of **M/s. MCD, France** imported make only made of extruded aluminium & duly hard anodized.
- 6.2.3 Roller shutters shall be of hollow rectangular shaped & made from aluminium interchangeable links connected by means of plastic profiles.
- 6.2.4 Sealing of roller shutter shall be watertight when closed.
- 6.2.5 Roller shutters shall be inward rolling type and shall be provided with guide rails over entire length on both sides to make them torsion free.
- 6.2.6 When shutters are rolled, unobstructed access should be available to the equipment & hoses.
- 6.2.7 Shutters should open in all positions of the Unit even in rough terrains.
- 6.2.8 Roller shutters shall have locking arrangement to prevent accidental opening during movement of the Unit.
- 6.2.9 Spare lock – 10 Nos. shall be provided.
- 6.2.10 All the lockers shall be illuminated by **MCD make LED lightning system**.
- 6.2.11 All the lockers shall be fitted with internal lighting, which shall be capable of being automatically switched, 'ON' and 'OFF' by the opening of shutters. A master switch for isolating the locker lighting circuit shall also be fitted in the driver's cabin.
- 6.2.12 Lockers shall have arrangement for self draining of any water entering inside
- 6.2.13 Sufficient number of lockers shall be provided for storage of all accessories listed. Lockers shall also be provided to accommodate 4 nos., 9 kg DCP extinguishers.
- 6.2.14 Lockers shall be accessible from ground level by a man of average height (1.67M). All the Lockers shall be provided with 3M make, 4MM thick, vulcanized synthetic rubber mat at bottom and up-to 12 inch on three sides.
- 6.2.15 The hose storage area(s) shall be reinforced at the corners.
- 6.2.16 The bottom shall be made of removable sections fabricated from noncorrosive materials.
- 6.2.17 The bottom shall be constructed to prevent the accumulation of water and allow ventilation to aid in drying of hose.
- 6.2.18 The interior shall be smooth and free from all projections, such as nuts, sharp angles, or brackets that might cause damage to the hose.
- 6.2.19 Ladders and equipment holders shall be placed so as not to obstruct the laying or removal of hose from the storage area.

### 6.3 **Compartmentation :**

- 6.3.1 Any enclosed external compartments shall be weather resistant and ventilated and have provisions for drainage of moisture.
- 6.3.2 All electrical junctions or wiring within compartments shall be protected from mechanical damage resulting from equipment stored in the compartment.

### 6.4 **Equipment compartments:**

- 6.4.1 Equipment holders or compartments shall be provided for all tools, equipment, and other items that are on the **MULTI-PURPOSE FIRE TENDER**.
- 6.4.2 Equipment holders shall be attached and shall be designed so that equipment remains in place under all Unit operating conditions.
- 6.4.3 All tools and equipment shall be readily accessible.

### 6.5 **Pump and Plumbing Access :**

#### 6.5.1 **WATER & FOAM PIPINGS:**

- 6.5.1.1 Water & Foam piping shall be of SS-316L grade.
- 6.5.1.2 Pipes, fittings and valves in the water circuit that will come in contact with Foam solution (water/Foam mixture) shall be of SS-316L.
- 6.5.1.3 Stainless Steel lines joint - The bolting (studs, bolts) at break flanges shall be of SS-316L with SS washers.
- 6.5.1.4 A flow chart/schematic diagram shall be made and supplied with the **MULTI-PURPOSE FIRE TENDER**.

- 6.6 One or more doors or panels that open or are removable without the use of tools shall be provided to allow visual inspection or access for checking the fire pump and plumbing area(If required).

- 6.7 All valves, gauges, controls, and other plumbing equipment shall be accessible for service and replacement.
- 6.8 The clear space required by the pump manufacturer to perform in-truck overhaul and maintenance shall be provided.
- 6.9 **Stepping, Standing and Walking Surfaces :**
- 6.9.1 Steps, platforms, or permanently attached ladders shall be provided so that fire fighters have access to all working and storage areas of the MULTI-PURPOSE FIRE TENDER.
- 6.9.2 The maximum stepping height shall not exceed 18 in. (460 mm), with the exception of the ground to first step, which shall not exceed 24 in. (610 mm).
- 6.9.3 All ladders shall have at least 7 in. (175 mm) of clearance between any rung and the body or other obstruction.
- 6.9.4 All steps, platforms, or ladders shall sustain a minimum static load of 500 lb (227 kg) without deformation.
- 6.10 All materials used for exterior surfaces designated as stepping, standing, and walking areas and all interior steps shall have slip resistance.
- 6.11 All materials used for interior floors shall have slip resistance.
- 6.12 **Access Handrails :**
- 6.12.1 Access handrails shall be provided at each entrance to a driving or crew compartment and at each position where steps or ladders for climbing are located.
- 6.12.2 Access handrails shall be constructed of, or covered with, a slip-resistant, noncorrosive material i.e. Aluminum / SS.
- 6.12.3 Handrails shall be between 1 in. and 1 in. (25 mm and 42 mm) in diameter and have a minimum clearance between the handrails and any surface of at least 2 in. (52 mm).
- 6.12.4 All handrails shall be designed and mounted to reduce the possibility of hand slippage and to avoid snagging of hose, equipment, or clothing.
- 6.13 **PAINTING AND MARKING :**
- 6.13.1 Unit and monitor should be painted with 2 coats of zinc phosphate epoxy primer each of 50 microns DFT and two coats of polyurethane finished red paint each coat of 50 microns DFT.
- 6.13.2 All the lockers / cabins shall be provided with Stainless steel Name Plates with letters itched/ embossed on it boldly indicating the content.
- 6.13.3 Water lines should be painted with of zinc phosphate epoxy primer each of 50 microns DFT and two coats of polyurethane finished paint each coat of 50 microns DFT. Water lines shall be painted red in colour.
- 6.13.4 Paint shall be of Asian/Burger/Akzonoble/3M make only.
- 6.13.5 M/s Oil India Ltd. emblem in original colour together with name (in Hindi and English) shall be written in golden yellow colour on both sides of the Unit.
- 6.13.6 On the front of the Unit "MULTI-PURPOSE FIRE TENDER" shall be written IN ENGLISH.
- 6.13.7 The inside of lockers shall be painted in pale Cream colour.
- 6.13.8 The chassis frame shall be painted black and wheel arch shall be painted white.
- 6.13.9 Mud flappers of sufficient length and width shall be provided at wheels.
- 6.13.10 Under frame of Chassis shall be painted with chlorinated rubber paint.
- 6.13.11 The Unit shall be clearly having the following marks at suitable locations.
- (a) Manufacturer's name & trade mark.
  - (b) Year of manufacture
  - (c) Pump serial numbers and capacities.
  - (d) Capacity of water tank in litres.
  - (e) Engine and chassis number.
  - (f) All instrument control & valves shall be identified with properly itched metallic Name plates.
  - (g) All valves and hoses inlet and outlet shall also be identified by suitable metallic Nameplates.
- 6.13.12 All exposed ferrous metal surfaces that are not plated or stainless steel shall be cleaned and prepared and shall be painted or coated.
- 6.13.13 The paint or coating, including any primer, shall be applied in accordance with the paint or coating manufacturer's recommendation.

- 6.13.14 A reflective stripe(s) shall be affixed to the perimeter of the MULTI-PURPOSE FIRE TENDER.
- 6.13.15 The stripe or combination of stripes shall be a minimum of 4 in. (100 mm) in total width and shall conform the requirements.
- 6.13.16 At least 50 percent of the cab and body length on each side, at least 50 percent of the width of the rear, and at least 25 percent of the width of the front of the MULTI-PURPOSE FIRE TENDER shall have the reflective material affixed to it.

## **7.0 PUMPS:**

### **7.1 Auxiliary Pump (i. e. Plunger Pump) :**

- 7.1.1 CE certified additional Plunger pump will be provided & will be of 150LPM @ 100 bar capacity. for water-mist generator with delivery assembly consist of spray gun, high pressure hose reel and high pressure hose etc.
- 7.1.2 The pump will be a three or six plunger positive displacement type working to the capacity at not more than 1000 RPM.
- 7.1.3 A by-pass for letting the water back to the tank will be provided to release excess pressure generated due to shutting of the hand lines or while discharging 150 LPM @40 bar or 75 LPM @100 bar individually.
- 7.1.4 The pump will be guaranteed for five years or minimum life of 5000 Hrs. whichever is later of operation.
- 7.1.5 The pump will have double seal on each plunger with low pressure intermediate chamber to keep the water seals cool & lubricated.
- 7.1.6 This system will also permit to re-circulate any leakage from the high pressure back to pump inlet.
- 7.1.7 The pump will have synthesized pistons of ceramic.
- 7.1.8 The connecting rods would be of an alloy which has low attrition co-efficient, high wear resistance & high anti seize up properties.
- 7.1.9 Hydraulic structure would be designed to simplify scheduled maintenance procedures (gasket & valve replacement).
- 7.1.10 The pump suction line will have inline mesh filters of OEM.
- 7.1.11 The pump will have Safety relief valve of OEM.
- 7.1.12 The pump discharge line will have Pulsation dampener for smooth flow
- 7.1.13 The pump will deliver water to hose reel.
- 7.1.14 Provision/ connection to be provided with foam suction also.

### **7.1.15 UHP HOSE REELS:**

- 7.1.15.1 There will be two hose reels of 60 Mtrs. lengths each.
- 7.1.15.2 The high pressure pump will operate through a separate hose reel which will be provided at a suitable place on the Unit.
- 7.1.15.3 The hose used for the hose reel would be rated for 130 bar working pressure (180 bar test pressure) & will be of min. 16mm ID.
- 7.1.15.4 It will have geared winding system.
- 7.1.15.5 At the discharge end of the hose reels, high-pressure fog gun will be provided which will be capable of discharging 75 LPM @ 100 bar pressure in jet or Fog patterns.
- 7.1.15.6 The jet range will not be less than 20 Mtrs. & the water droplets in the spray form will be of approx. 250 microns at an angle of 45°.

### **7.1.16 HIGH PRESSURE FOG GUNS:**

- 7.1.16.1 At the discharge end of both hose reels, two nos. of high-pressure fog guns, capable of discharging 75 LPM @100 bar & 150 LPM @50 bar in jet or fog patterns will be provided.
- 7.1.16.2 The jet range will not be less than 21 Mtrs. for the gun with output of 150 LPM and should not be less than 16 Mtrs. for the gun with 75 LPM output.

- 7.1.16.3 The water droplets in the spray form will be of approximately 250 microns at an angle of 45 degree.
- 7.1.16.4 The above gun shall be internationally approved and copy of the same shall be furnished.
- 7.1.16.5 **Two nos. of above said gun and Two Nos. Hose Pipe (60 Mtrs. Each) shall be supplied as spare.**
- 7.1.16.6 **Pump to Hose reel connection (s)/ pipe along with fittings shall be provided in addition to the connections fitted as spare.**

## **7.2 Main Water Pump and Associated Equipment :**

- 7.2.1 The pump shall be single stage & centrifugal type of Godiva Make.
- 7.2.2 The pump should be capable of delivering minimum 3200 LPM at 7 Kg/Cm<sup>2</sup> (g) at discharges flange with a suction lift of 7.5mtrs. Successful Bidder shall match other parameters of operation w.r.t. Engine of the chassis.
- 7.2.3 Pump shall be CE approved, meet international standards & Comply EN 1028.
- 7.2.4 The water pump with automatic water ring & exhaust ejector type priming device shall be installed.
- 7.2.5 The pump shall be capable of taking suction from:
  - a. Water Tank mounted on chassis. (In normal condition).
  - b. Underground reservoir through flexible suction line with suction lift up to 7.5 M with aid to automatic water ring type primer.
- 7.2.6 The pump shall be rear mounted and shall be accessible and readily removable for repair and maintenance. It shall be driven by the chassis diesel engine through a power take-off unit and propeller shaft.
- 7.2.7 The primer shall be capable of lifting water at least through 7.5M depth (Suction lift) at a rate of not less than 30 cm per second in the suction line. The auto primer should work satisfactory even if it is left dry for long period.
- 7.2.8 The pump discharge shall be able to be routed to :
  - a. 4 Nos. outlets (on rear side of Unit along with control panel) each fitted with ISI marked 63MM, SS instantaneous female coupling fitted with stainless steel end caps by suitable chain link/ suitable flexible steel rope cable.
  - b. The outlets should be angled around 30 deg. towards downward direction.
  - c. Water-cum-Foam Monitor fitted on top of Unit.
- 7.2.9 The pump shall have a suitable box type suction strainer made of Stainless steel. The strainer should easily be removable for maintenance.
- 7.2.10 Pump impeller shaft should be fitted with anti-friction bearing.
- 7.2.11 **Design and Performance Requirements :**
  - 7.2.11.1 **Intake Strainer :**
    - a. Intake shall have a removable or accessible strainer inside the connection.
    - b. The strainer(s) shall restrict spherical debris that is too large to pass through the pump.
    - c. Intakes having male threads shall be equipped with caps; intakes having female threads shall be equipped with plugs but remain secured to the MULTI-PURPOSE FIRE TENDER by means of suitable connection.
  - 7.2.11.2 **Pump Drains :**
    - a. A readily accessible drain valve(s) that is marked with a label as to its function shall be provided to allow for draining of the pump and all water-carrying lines and accessories.
    - b. The drain valve(s) shall be operational without the operator having to get under the MULTI-PURPOSE FIRE TENDER.
  - 7.2.11.3 **Pump Operator's Panel :**
    - a. Each pump control, gauge, and other instrument necessary to operate the pump shall be located on a panel known as the pump operator's panel and shall be marked with a label as to its function.
    - b. All gauges, discharge outlets, pump intakes, and controls shall be illuminated.
  - 7.2.11.4 **Instrumentation :**

- a. **Pump Operator's Panel:** The following controls and instruments shall be provided and installed as a group at the pump operator's panel:
  - I. A master pump intake pressure-indicating device
  - II. A master pump discharge pressure-indicating device
  - III. A pumping engine tachometer
  - IV. A pumping engine coolant temperature indicator
  - V. The pumping engine throttle
  - VI. The primer control
  - VII. The water level indicator
- b. Any instrumentation exposed to the elements shall be weatherproof.
- c. Each pressure-indicating device or flow meter, and its respective display, shall be mounted and attached so it is protected from accidental damage and excessive vibration.

#### 7.2.11.5 **Required Testing :**

- (a) Pump Certification
- (b) Pumping Test
- (c) Pressure Control System Test
- (d) Priming Device Tests
- (e) Vacuum Test
- (f) Water Tank-to-Pump Flow Test.
- (g) The manufacturer shall conduct a piping hydrostatic test prior to delivery of the MULTI-PURPOSE FIRE TENDER.

#### 7.2.12 **SPARES :**

7.2.12.1 The following mandatory spares shall be supplied "Main Water Pump" by the Successful Bidder:

- I. Pump Shaft with keys & impeller nut- 1 No
- II. Impeller- 1 No.
- III. Shaft sleeve- 2 Nos.
- IV. Set of DE & NDE bearings- 3 Sets
- V. Mechanical seal spares :
  - Rotating & stationary faces with packing -2 Sets
  - Springs pins, gaskets etc- 2 Sets.
- VI. Couplings between PTO Unit & Pump- 2 Nos.

## 8.0 **FOAM PROPORTIONING SYSTEM:**

- 8.1 Around the Foam Proportioning system with Foam Induction device duly calibrated for 1%, 3 % & 6 % will be provided near the pump. Also Auxiliary foam induction arrangement to be provided.

## 9.0 **DCP SYSTEM:**

- 9.1 Placement & location of vessel along with other tanks will be such that load over the chassis is equally distributed & centre of gravity will be as low as possible.
- 9.2 The DCP vessel will be designed & fabricated as per ASME Code VIII Division I, code of unfired pressure vessel.
- 9.3 The material for vessel will be as per ASME codes.
- 9.4 The vessel will be cylindrical in shape.
- 9.5 The max. Corrosion allowance for shell & dish end will be within 2.5mm.
- 9.6 Vessel will be filled with Dry Powder as per Annexure B.
- 9.7 The vessel will be designed for
  - a) Working Pressure-14 Kg/cm<sup>2</sup>
  - b) Hydro test pressure - 24 Kg/cm<sup>2</sup>.
- 9.8 Vessel will be provided with filling aperture of 18" dia. With flanged cover at top and drain hole of 10" dia. at bottom with flanged cover.
- 9.9 Vessel will be fitted with Safety valve pressure gauge, pressure reducing device.
- 9.10 Isolation valve, charging valve fitted at suitable location.

- 9.11 Vessel will be provided with a blow valve or similar device on top to discharge N<sub>2</sub> gas in the atmosphere without discharging powder.
- 9.12 Safety valve will be installed on the top of vessel at suitable location & the setting of safety valve will be at 16 Kg/cm<sup>2</sup>.
- 9.13 To ensure proper fluidity of the powder appropriate nos. of diffuser nozzle will be provided at the bottom of vessel & suitable arrangement will be made to ensure that diffuser nozzle are not blocked under any circumstances.
- 9.14 The diffuser nozzles should be fitted with synthesized filters. DCP system will have N<sub>2</sub> as an expelling agent.
- 9.15 Each vessel will have suitable Nos. of N<sub>2</sub> cylinders (Min. 68 Ltrs. water capacity) to ensure that 90% powder is discharged.
- 9.16 Equal no. of N<sub>2</sub> Cylinders (**in addition to the fitted for DCP operation**) will be supplied along with Unit as spare.
- 9.17 Suitable arrangement would be provided for flushing powder from the reels etc.
- 9.18 All valves, nozzle, pressure gauge, etc. will be of best quality and material of construction would be of non-corrosion, non-reactive material compatible with DCP.
- 9.19 02 Nos. hose reel with trigger type pistol grip nozzle will be provided at both side of Unit for DCP discharge at easily accessible location so as to facilitate quick pulling with throw of 10 M at 45° & capable of discharging 2.5 Kg/sec.
- 9.20 Free charge of Dry Chemical Powder of 500 kg is in Successful Bidder's scope. Dry Chemical Powder to be provided separately in sealed drum as per detailed specification of "Annexure – B".

## **10.0 WATER CUM FOAM MONITOR:**

- 10.1 Foam-cum water monitor with manual override shall be mounted on rooftop of the "MULTI-PURPOSE FIRE TENDER" having following specification:
  - (a) Make & Model: M/s. Elkhart/ TFT/ Akron/ Rosenbauer
  - (b) Foam/ Water monitor should be **UL listed /FM approved**
  - (c) Capacity: Automatic flow from 300 to 1000 GPM single Nozzle with Jet, Spray & Fog Pattern.
  - (d) Type: Non-aspirating
  - (e) Discharge Capacity: 300 to 1000 GPM at 7.0 KG/CM<sup>2</sup> (at the base flange of the monitor)
  - (f) Barrel Size: Suitable size as per requirement
  - (g) Material of Construction: Monitor body hard anodized Aluminum or as per OEM.
- 10.2 **PERFORMANCE:**
  - (a) Water Throw at 7.0 KG/CM<sup>2</sup> (Monitor inlet pressure): Minimum 50 meter-Horizontal.
  - (b) Foam Throw at 7.0 KG/CM<sup>2</sup> (Monitor inlet pressure): Minimum 40 meter-Horizontal.
- 10.3 Operational control for the monitor shall be provided at the rooftop for horizontal movement, vertical movement & jet/spray pattern of the monitor.
- 10.4 One oil filled pressure gauge shall be provided near the monitor inlets flange.
- 10.5 Separate connection shall be made to operate Foam/Water Monitor directly from pressurized hydrant mains by means of suitably sized inlet line 4 nos., 63MM, ISI marked instantaneous male connectors with strainer fitted on the rear side of the MULTI-PURPOSE FIRE TENDER, shall be connected to the Monitor line with a SS isolation valves.

## **11.0 WATER TANK:**

- 11.1 Net capacity of water tank shall be of **4000 litres**. In addition a 2% expansion space shall be made in the water tank over & above the water capacity. A calibrated dip tape shall be provided on the tank to measure the tank level
- 11.2 The water tank shall be fabricated out of minimum 5MM thick SS-316L plates for the bottom & 4 MM thick SS-316L plates for the sides & top. The tank shall be of welded construction and shall be suitably stiffened with SS-316L angles/flats so as to avoid buckling and distortion.



- 11.3 **The both side of water tank shall be Die Pressed Stiffened type.**
- 11.4 The tank shall have baffles, of minimum 3MM thickness, SS-316L plates, so as to avoid water surging due to movement of Unit. Baffle plates will be connected to the tank with SS nut/bolts. The threads of bolts shall be TAC welded beyond the nut to prevent the nuts falling in the tank due to vibrations.
- 11.5 Tank shall be provided with anti-vortex device at the nozzle for pump suction.
- 11.6 An inspection manhole of 500MM size shall be provided on top with a hinged and bolt able cover with suitable gasket. The manhole shall be fitted with SS nameplate having etched marking 'WATER' (letter size 100MM).
- 11.7 Suitable lifting lugs shall be provided on the tank shell to enable it to be lifted off the Unit for repairs/replacement as necessary.
- 11.8 The tank shall be fitted with a sludge trap. The bottom of the tank shall have a slight slope towards the sludge trap.
- 11.9 The tank shall also have a cleaning hole of 250MM dia. Manhole shall be fitted with 50MM drain pipe with AUDCO make SS ball valve and 63MM (SS) ISI marked instantaneous male coupling incorporated in it.
- 11.10 The tank shall be fitted with overflow pipes of suitable diameter and the discharge end shall be taken below the chassis without reducing the effective ground clearance. The overflow pipe shall be routed to outside water tank.
- 11.11 The tank shall be filled by means of suitably sized inlet line from pressurized hydrant mains. 4 nos. 63MM ISI marked, SS instantaneous male connectors (2 on each side of the MULTI-PURPOSE FIRE TENDER) shall be connected to the filling line. The inlet lines will be provided from AUDCO Make SS ball valve. Water filling arrangement to the tank shall be provided from upper side of the tank only and the filling line shall be routed to outside water tank.
- 11.12 The tank shall have an adequately sized breather valve. The inlet line in the tank shall have an adequately strong deflector plate, which will avoid the incoming jet of water from hitting the tank sides/bottom.
- 11.13 All nozzles for the tank shall have suitable reinforcement pads. Nozzles shall also have adequate stiffeners to take the loads from piping.
- 11.14 Tank supporting structure on the chassis shall be of SS-316L.
- 11.15 Reinforcement pads at tank supporting structure shall be of same thickness and material as that of the water tank.
- 11.16 Suitable strainer (SS) shall be provided at the tank bottom on pump suction line.
- 11.17 Provision shall be made on either side of the body for visual inspection/maintenance of the water tank.
- 11.18 **Connection to be provided for Pump to Water tank filling.**
- 11.19 Tank Construction & Mounting :
- 11.19.1.1 All water tanks shall be constructed of noncorrosive material or other materials that are protected against corrosion and deterioration.
  - 11.19.1.2 The water tanks shall have a means to permit cleaning of the tank.
  - 11.19.1.3 Water tank should be independent of the body and compartments, it shall be equipped with a method for lifting the tank(s) off of the chassis.
  - 11.19.1.4 Tank shall be cradled, cushioned, spring-mounted, or otherwise protected from undue stress resulting from travel on uneven terrain.
  - 11.19.1.5 Water tank shall be provided with baffles to form a containment or dynamic method of water movement control.
  - 11.19.1.6 Containment method of baffling should be used, a minimum of two transverse or longitudinal vertical baffles shall be provided.
  - 11.19.1.7 There shall be a maximum distance of 48 in. (1220 mm) between any combination of tank vertical walls and baffles.
  - 11.19.1.8 Each baffle shall cover at least 75 percent of the area of the plane that contains the baffle.
  - 11.19.1.9 The water tank will be mounted on the Unit on a sub frame using Rubber Metacones. This sub frame will be made from Anti-Corrosive Treated MS 4" section and will be bolted with the chassis using the high tensile bolts. 'U' Bolts shall not be used for mounting of tanks on Unit. The rubber metacones shall facilitate to absorb the jerks and bending torsions in expansion as well as

compression mode without high deflection. The manufacturer shall provide complete design data of metacones and sub frame including the load calculations and metacone quantity sufficiency. Tank will be mounted on the chassis in a manner keeping in view the proper load distribution on the axles. The baffles will be arranged in a manner to facilitate easy cleaning of the tanks. The tank will be mounted on two / three cross bearers to counteract stresses caused by chassis flexing. The Centre of Gravity shall be maintained as low as possible.

**11.19.1.10 Cleanout Sumps :**

- One cleanout sumps shall be provided.
- A 3 in. (75 mm) or larger removable pipe plug shall be furnished in each sump.

**11.20 Water Level Indicator :**

11.20.1.1 An indicator shall be provided that shows the level or amount of water in the tank(s).

11.20.1.2 A suitably protected water level indicator of the graduated glass tube, clear acrylic shall be provided close to the control panel. Isolation valve shall be provided just after the tap off point near the water tank for the level indicator.

11.20.1.3 Electronic LED Water Level Indicators indicating the tank levels as EMPTY,  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$  and FULL shall be provided on the pump control panel. These levels shall be indicated by number of glowing LED lights (no LED Lights means empty tank, All LED Lights means full tank). The indicators shall sense the fluid level in the tank with help of a pressure sensing probe. The indicators shall be located on the rear pump control panel in such a manner that the Operator / Firemen can easily view the tank levels while being away from the Unit.  
**Additional Level Indicator – Two Nos. shall be provided as spare.**

**11.21 Tank-to-Pump Intake Line :**

11.21.1.1 The water tank shall be connected to the intake side of the pump with a valve controlled at the pump operator's position.

**11.21.1.2 Filling and Venting :**

- a. Fill Opening: - A convenient covered fill opening designed to prevent spillage shall be provided.
- b. Vent/Overflow Outlet: - A vent/overflow outlet that is sized to allow water to be drawn from the tank.
- c. External Fill: - An external fill connection leading directly to the tank shall be provided.
- d. The external fill connection shall be provided with a removable or accessible strainer, a shutoff valve capable of being throttled, a minimum 30-degree sweep elbow positioned downward, and a closure cap or plug.

**11.22 Water Tank Capacity Certification :**

- a. The manufacturer shall certify the capacity of the water tank prior to delivery of the MULTI-PURPOSE FIRE TENDER.
- b. The certified capacity shall be recorded on the manufacturer's record of construction and the certification shall be provided to the OIL when the MULTI-PURPOSE FIRE TENDER is delivered.

**11.23 PIPING:**

11.23.1.1 All piping shall be designed to have minimum pressure drop and achieve the required pressure and flow at various locations.

11.23.1.2 All piping shall be seamless and designed for 10% over the maximum pressures encountered in the pipe.

11.23.1.3 The piping shall be flanged for ease of maintenance. However, joints to be kept minimum.

11.23.1.4 Valves of less than 1.5 inch size shall be forged construction and valve more than 2" size or more size shall be of cast construction.

11.23.1.5 All lines shall be suitably supported so as to provide rigidity and avoid vibrations.

11.23.1.6 All lines less than 1.5" NB size can be socket welded to matching 3000 LBS rating fittings. All lines above 2" NB size shall be butts welded with full penetration welds.

## **11.24 ACCESSORIES :**

### **11.24.1 CONTROL PANEL :**

Adequately illuminated pump operating panel shall be provided at the rear side of the Unit and these shall include the following areas:

- a. Auxiliary throttle control for the engine.
- b. Independent pressure gauges calibrated to 25 KG/CM<sup>2</sup> for pump discharge.
- c. Threaded suction inlet of water pump with blind cap.
- d. Quick opening valve for lining up water tank to pump.
- e. Level gauge for water tank & Foam Tank.
- f. Priming valve for water pump.
- g. System schematic etched on Stainless Steel plate.
- h. Operating instruction plate and flushing out instruction plate (both on boldly etched Stainless steel plates).
- i. Compound pressure gauges.
- j. RPM for pumps.

11.24.2 In addition to the items mentioned above, Successful Bidder shall provide any other items that he may find essential. Any of these items which are also required in the driver's cabin shall be provided at suitable locations in the driver's cabin. Each lever, switch, valve, gauges, outlet/inlet etc. shall have identification made on metal plate and duly riveted. The microphone of the PA system shall be fixed inside the driver cabin on a flexible stand at a suitable location.

## **12.0 FOAM CONCENTRATE TANK :**

- 12.1.1 The foam compound tank of **1000 liters** net capacity shall be fabricated out of 5MM thick SS-316L plates for the bottom & 4 MM thick SS-316L for the sides & top. In addition 2% of expansion space shall be made in the tank, over and above foam compound capacity.
- 12.1.2 **The both side of water tank shall be Die Pressed Stiffened type.**
- 12.1.3 The foam tank shall be of welded construction and shall be suitably stiffened with SS 316L angles/flats so as to avoid buckling and distortion.
- 12.1.4 Weld joints shall be minimized
- 12.1.5 Suitable lifting lugs shall be provided on the tank shell to enable it to be lifted off the Unit for repairs/replacement as necessary.
- 12.1.6 The tank shall be fitted with a sludge trap of 150 mm. The bottom of the tank shall have a slight slope towards the sludge trap.
- 12.1.7 The tank shall also have a cleaning hole and drain pipe with AUDCO make S.S. ball valve and 63MM (SS) instantaneous male coupling incorporated in it.
- 12.1.8 The tank shall have a filling hole of 150MM diameter at top and with a removable conical strainer of SS-316L. The filling manhole shall have a screwed cap. The filler cap shall have an etched SS name plates with marking 'FOAM'. A calibrated dip tape shall be provided on the tank to measure the tank level.
- 12.1.9 Breather valve shall be provided for automatic venting of the foam compound tank when the foam compound is drawn from it or when the tank is being filled.
- 12.1.10 The inlet line in the tank shall have an adequately strong deflector plate, which will avoid the incoming jet of foam from hitting the tank side/roof.
- 12.1.11 All nozzles for the tank shall have suitable reinforcement pads. Nozzles shall also have adequate stiffeners to take the loads from piping. Tank shall be provided with anti vortex device at nozzle for pump suction.
- 12.1.12 Tank supporting structure on the chassis shall be of SS 316L.
- 12.1.13 Reinforcement pads at tank supporting structure shall be of same thickness and material as that of the foam tank
- 12.1.14 Provision shall be made on either side of the body for visual inspection/maintenance of the foam tank.
- 12.1.15 A calibrated dip tape shall be provided on the tank to measure the tank level.
- 12.1.16 The foam concentrate tank shall be provided with a fill tower.

- 12.1.17 The fill tower opening shall be protected by a completely sealed airtight cover.
- 12.1.18 The cover shall be attached to the fill tower by mechanical means.
- 12.1.19 The fill opening shall incorporate a removable screen with a mesh not to exceed ¼ in. (6 mm).
- 12.1.20 The fill tower shall be equipped with a pressure/vacuum vent that enables the tank to compensate for changes in pressure or vacuum when filling or withdrawing foam concentrate from the tank.
- 12.1.21 The pressure/vacuum vent shall not allow atmospheric air to enter the foam tank except during operation or to compensate for thermal fluctuations.
- 12.1.22 The vent shall be protected to prevent foam concentrate from escaping or directly contacting the vent at any time.
- 12.1.23 The vent shall be of sufficient size to prevent tank damage during filling or foam withdrawal.
- 12.1.24 The foam concentrate tank shall not be equipped with an overflow pipe or any direct opening to the atmosphere.
- 12.1.25 The foam concentrate tank(s) shall be designed and constructed to facilitate complete interior flushing and cleaning as required.
- 12.1.26 Level Indicator for foam tank shall be provided as mentioned for Water Tank.
- 12.1.27 **Tank Drain :**
  - 12.1.27.1 A minimum 1 in. (25 mm) inside diameter full flow drain valve and piping shall be provided at the lowest point of any foam concentrate tank.
  - 12.1.27.2 The drain shall be piped to drain directly to the surface beneath the Tender without contacting other body or chassis components.
- 12.1.28 The foam concentrate tank shall be constructed and installed to be independent of the tender body.
- 12.1.29 The foam concentrate discharge system design shall prevent the siphoning of foam concentrate.
- 12.1.30 A label that reads “Foam Tank Fill” shall be placed at or near any foam concentrate tank fill opening.
- 12.1.31 The foam concentrate tank outlet connection shall be designed and located to prevent aeration of the foam concentrate and shall allow withdrawal of 80 percent of the foam concentrate tank storage capacity under all operating conditions with the Tender on level ground.
- 12.1.32 The foam concentrate tank inlet connection, if provided, shall prevent aeration of the foam concentrate under all operating conditions.
- 12.1.33 The foam tank will be mounted on the Unit on a sub frame using Rubber Metacones. This sub frame will be made from Anti-Corrosive Treated MS 4” section and will be bolted with the chassis using the high tensile bolts. 'U' Bolts shall not be used for mounting of tanks on Unit. The rubber metacones shall facilitate to absorb the jerks and bending torsions in expansion as well as compression mode without high deflection. The manufacturer shall provide complete design data of metacones and sub frame including the load calculations and metacone quantity sufficiency. Tank will be mounted on the chassis in a manner keeping in view the proper load distribution on the axles. The baffles will be arranged in a manner to facilitate easy cleaning of the tanks. The tank will be mounted on two / three cross bearers to counteract stresses caused by chassis flexing. The Centre of Gravity shall be maintained as low as possible.
- 12.1.34 A manual rotary transfer pump shall be provided for transferring foam compound from drums to the foam compound tank without causing any frothing in the tank. Arrangement shall be provided to connect this pump through a tube to the tank filling line.

### **13.0 PERFORMANCE GUARANTEE :**

- 13.1.1 The manufacturer shall guarantee the design, material, workmanship and the performance of the unit for a period of 18 months from the date of the supply of completed Unit. The Successful Bidder, at M/s Oil India Ltd. premises, shall rectify any mechanical defect, faulty workmanship or operational defects found during this period within reasonable time without any extra cost.

## **14.0 TRAINING :**

- 14.1.1 After supply of the Unit, the Successful Bidder shall provide two days training on operation & maintenance of fire Unit including chassis at M/s Oil India Ltd. site and charges for the same shall be included in the price.

Abbreviation:

Unit - Complete Multipurpose Fire Tender

MVA - Motor Vehicle Act

RPM - Revolutions per Minute

LED - Light-Emitting Diode

PSV - Pressure Safety Valve

**See Clause 2.13 for GVW**

<b>S. No.</b>	<b>Item</b>	<b>Numbers</b>
1.	Water tank of capacity 4000 Litres capacity (Wt. Approx. 5000 Kg)	01
2.	Foam Tank of capacity 1000 Litres capacity (Wt. Approx. 1500 Kg)	01
3.	Dry Chemical Powder Vessel (Wt. Approx. 1200 Kg)	01
4.	Chassis (Wt. Approx. 4300 Kg)	01
5.	Pumps, PTO & Propeller Shaft (Wt. Approx. 1000 Kg)	01
6.	Fabrication & Piping (Wt. Approx. 1200 Kg)	01
7.	Weight of crew members ( weight 420 Kg)	06
8.	Delivery hoses (type – B) with GM coupling (22.5 M length)	15
9.	Suction Hose	4
10.	SCBA Sets	2
11.	Foam Branches (FB – 10X)	4
12.	Triple purpose branch	4
13.	Standard branch	4
14.	Male to Male coupling	2
15.	Female to female coupling	2
16.	Fire suits	2
17.	Roof top ladder (10.5 M, Aluminum)	1
18.	Portable monitor	1
19.	Akron Branch	4
20.	Ceiling Hook	1
21.	Dividing Breachings	2
22.	Collecting breaching	2
23.	Collecting head	1
24.	MFG	2
25.	Safety Helmets	10
26.	Gum boots	10
27.	Manila rope (1” diameter, 50M length)	1
28.	Suction wrenches	2
29.	Strainer	1

## **Annexure -B**

### **Dry Chemical Powder Potassium Urea Based**

1. General: The Powder shall be Potassium Allophonate / Carbonate based dry chemical powder, a reaction product of Potassium Bicarbonate – Urea suitable for large scale high intensity flammable oil & gas fire. The product should be UL Approved.

2. Physical & Chemical Parameters:

- a. Appearance : Off-White free flowing powder
- b. Particle Size : 50 – 70 microns
- c. Apparent density : 0.5 - 0.7 gm/cc
- d. Water Repellency : 1.5% Max
- e. Moisture content : less than 0.25%(m/m)
- f. Temperature stability :  $\pm 60^{\circ}\text{C}$

3. Performance Test: Shall able to extinguish a 20B / 144B Hydrocarbon tray fire by filling 3.5 kg (max) Powder in 5 kg extinguisher.

4. Physiological Effect:

- a. The DCP shall not have harmful ingredients
- b. It should be environmental friendly & nontoxic to humans and animals.
- c. Should submit certificates of 1) Non-Toxicity 2) Non-Skin Irritation Test

5. Compatibility:

The DCP shall be compatible with all type of firefighting foams.

6. Approvals:

The Dry Chemical Powder (DCP) should be Listed/Approved by UL as per UL-299C on fire extinguishing Dry Chemical for special application.

The dry powder should follow the latest Oil Industries Safety Directorate norms (OISD-116), as mentioned in Section 12, Page No. 24.

7. Packing:

The DCP shall be packed in 25kg good quality HDPE drums which should be hermetically sealed.

8. Shelf Life:

DCP shall have minimum shelf life of 05 years without any degrading of chemical & physical properties.

9 .Documents:

- a. Successful Bidder Must submit valid UL: 229C Certificate along with supply.
- b. Thermal Gravimetric Analysis (TGA) with decomposition between  $215^{\circ}\text{C}$  and  $260^{\circ}\text{C}$  should be submitted of a reputed Lab along with the supply, IR analysis report as conducted by UL to be submitted along with the supply.
- c. The bidder should submit ISO 9001:2008, ISO 14001: 2004 & OHSAS 18001:2007 certificate copies along with supply.
- d. Warrantee / guarantee Certificate for the DCP along with supply.
- e. MSDS of the material along with supply.
- f. Original manufacturer test report along with supply.
- g. Disposal Procedure for the material along with supply.

- h. If the powder is imported the latest Bill of Lading is to be produced along with supply.
- i. OIL reserves the right to send the sample from the supplied powder for further testing to any authorized national laboratory in India.

10. MARKING:

Each container/drum containing Dry Chemical Powder shall be labelled with the following information:

- (a) Manufacturer's name or trade mark.
- (b) Quantity of the Powder, in Kg (Net and Gross weight)
- (c) Type of the Powder and Foam Compatible.
- (d) Date of manufacture/Batch No.
- (e) UL Marking.



**BID EVALUATION CRITERIA (BEC)**

The following BEC will govern the evaluation of the bids received against this tender. Bids that do not comply with stipulated 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 Evaluation Criteria” as stipulated in this document.

Other terms and conditions of the enquiry shall be as per General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement (LCB Tenders). However, if any of the Clauses of the Bid Evaluation Criteria (BEC) contradict the Clauses of the tender or MM/LOCAL/E-01/2005 elsewhere, those in the BEC shall prevail.

<b><u>Criteria</u></b>	<b>Complied / Not Complied. (Remarks if any)</b>
<p><b><u>BID EVALUATION CRITERIA</u></b></p> <p><b><u>A-TECHNICAL</u></b></p> <p>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.</p> <p>1.0 The Bidder shall be in the business of manufacturing/ fabricating / assembling of Fire Tenders in the last 5 (five) years preceding to the Bid Closing date of this Tender.</p> <p style="padding-left: 40px;">(a) Copy of "Certificate of Incorporation" or equivalent and</p> <p style="padding-left: 40px;">(b) Copy of "NSIC or equivalent Certificate specifying the nature of business of the firm shall be furnished along with the bid.</p> <p>2.0 The bidder to have the experience of manufacturing/ fabricating / assembling and successful execution of supply of at least 1(one) Similar order in the last 5(five) years preceding to the Bid Closing date of this Tender.</p> <p>Copy of following should be enclosed along with bid to ascertain the same:</p> <p style="padding-left: 40px;">(a) Purchase Order and</p> <p style="padding-left: 40px;">(b) Commissioning report /Performance report/ Proof of Supply/ Payment Certificate</p>	

**Similar order means:-**

Supply and commissioning of at least 01(One) No. Multi-Purpose Fire Tender with Water Pump capacity of minimum 1800 LPM at 07 KG/CM2 and minimum 500 kg. DCP system capacity on minimum 16 tonne chassis.

OR

Supply and Commissioning of at least 01(One) No. Fire Tender (Water Tender/ Foam Tender) with Water Pump capacity of minimum 1800 LPM at 07 KG/CM2 on minimum 16 tonne chassis and Supply and Commissioning of 01 (One) No. DCP Tender with minimum 500 kg. DCP system capacity on minimum 16 tonne chassis.

3.0 The bid/ offer shall be for complete unit i.e. chassis along with fabrication & commissioning of Multi-Purpose Fire Tender.

**B) FINANCIAL CRITERIA:**

1.0 The bidder shall have an annual financial turnover of minimum **INR 40.00 Lakh** during any of the preceding 03 (three) financial years reckoned from the original bid closing date.

2.0 "**Net Worth**" of the bidder should be positive for the preceding financial/ accounting year.

3.0 Documentary evidence in the form of Audited Balance Sheet and Profit & Loss Account for the preceding 03(three) financial/accounting years should be submitted along with the technical bid.

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.

**Notes:**

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-A.

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 CRITERIA:**

- i). Bids are invited under “Single Stage Two Bid System”. Bidders have to submit both the “Techno-commercial Unpriced Bids” and “Priced Bids” 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 Unpriced bid is to be submitted as per scope of works and Technical specification of the tender and the priced bid as per the online Commercial bid format. Any offer not complying with the above shall be rejected straightway.
- ii). In Technical Bid opening, only the “Technical Attachments” tab will be opened. Therefore, the bidder should ensure that Technical Bid is uploaded in the Technical Attachments only. No price should be given in above “Technical Attachments” tab, otherwise the offer will be rejected. Please go through the help document provided in OIL’s e-Portal, in details before uploading the documents.
- iii). Bid security:  
The bid must be accompanied by Bid Security of **INR 1,60,000.00** in OIL's prescribed format as Bank Guarantee or a Bank Draft/Cashier cheque in favour of OIL. The Bid Security shall be submitted manually in sealed envelope superscribed with Tender no. and Bid Closing date to Chief Manager (M & C), Oil India Limited, Rajasthan Project, 2A District Shopping Centre , Saraswati Nagar , Basni Jodhpur-342005, Rajasthan, India 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 and time , the bid submitted through electronic form will be rejected without any further consideration. The Bank Guarantee towards Bid Security shall be valid up to 28.02.2018.  
  
The bidders who are exempted from submitting the Bid Security should attach documentary evidence along with their offer as per General Terms and conditions Local Tender (MM/LOCAL/E-01/2005).
- iv). Performance Security:  
The successful Bidder will have to submit Performance Security @ 10% of total Order Value after receipt of order. The Performance Security shall be valid for 12 months from the date of commissioning. **Bidder must confirm the same in their bid. Offers not complying with this clause will be rejected.**
- v). *The Bank Guarantee should be allowed to be encashed at all branches within India.*
- vi). Validity of the bid shall be minimum 120 days from the Bid Closing Date.
- vii). The prices offered will have to be firm through delivery and not subject to

	<p>variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.</p> <p>viii). Bids received in physical form, but not uploaded in OIL's e-Tender Portal will be rejected.</p> <p>ix). The Bid documents are not transferable. Offers made by bidders who have not been issued the bid document by the Company will be rejected.</p> <p>x). Any Bid containing a false statement shall be rejected.</p> <p>xi). Bids received by Company after the bid closing date and time will be rejected.</p> <p>xii). All the Bids must be Digitally Signed using "Class 3" digital certificate with Organisation's name (<i>e-commerce application</i>) 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 with Organisation's Name" digital certificate, will be rejected.</p> <p>xiii). "Technical Attachments" Tab is meant for Technical bid only. Therefore, No price should be given in "Technical Attachments" Tab , otherwise the offer will be rejected.</p> <p>xiv). Price should be maintained in the "Price Bid Format" only. The price submitted other than the "Price Bid Format" shall not be considered.</p> <p>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 minimum period of 1(one) year from the date of successful commissioning 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 and no extra cost to OIL.</p> <p>xvi). Integrity Pact :</p> <p>OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide <a href="#">Annexure XII</a> 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 (<u>along with the technical bid</u>) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. <b>Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the bidder shall be rejected straightway.</b> 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>	
--	---	--

#### **D. COMMERCIAL BID EVALUATION**

1.0 The bids conforming to the terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Evaluation Criteria as well as verification of original of any or all documents/ documentary evidences pertaining to BEC, will be considered for further evaluation as per the Bid Evaluation Criteria.

2.0 Priced bids of only those bidders will be opened whose offers are found technically acceptable. The technically acceptable bidders will be informed before opening of the "priced bid".

3.0 For evaluation of bids, total cost of multi- purpose fire tender including cost of Chassis, Fabrication alongwith all equipments & accessories, commissioning charges & training charges as per tender requirements will be considered. Bidders are advised to quote for all items separately. All the items will be procured from the same source.

4.0 Bids shall be evaluated on the basis of net effective price i.e. landed cost at Site i.e. F.O.R Oil India Limited's Gas Processing Plant, (DND-GPC) at Dandewala near Tanot in Jaisalmer district (155 KMs approx. Distance from Jaisalmer Township) of Rajasthan.

Comparison of Bids shall be as under:

(A) Total Material and Fabrication Cost (Cost of Chassis, Fabrication, Equipment, Accessories complete is all aspect as per technical specification of multipurpose fire tender)

(B) Third Party Inspection & Testing Charges, if any

(C) Packing and Forwarding Charges, if any

(D) Total FOR Ex-works/Mgf Station value, ( A + B+C ) above

(E) Transportation charges to destination (OIL's DND-GPC)

(F) Insurance charges

(G) Total FOR Destination (OIL's DND-GPC) value (D + E + F ) above

(H) Commissioning & Training Charges

(I) Grand Total value (G + H )

5.0 To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BEC 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.

6.0 **“Purchase preference policy-linked with Local Content (PP - LC) notified vide letter no. O-27011/44/2015-ONG-II/FP dated 25.04.2017 of MoP&NG shall be applicable in this tender.**

Bidders seeking benefits, under Purchase Preference Policy (linked with Local Content) (PP-LC) shall have to comply with all the provisions specified at **Annexure- PP-LC** and shall have to submit all undertakings / documents applicable for this policy”.

### 3. GENERAL:

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 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. If any of the clauses in the BEC contradicts with other clauses of bidding document elsewhere, then the clauses in the BEC shall prevail.

#### **NOTE:**

**Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the NIT terms and conditions of NIT.**

-----XXXX-----

**ANNEXURE – A**

**CERTIFICATE OF ANNUAL TURNOVER & NET WORTH**

[TO BE ISSUED BY PRACTISING CHARTERED ACCOUNTANTS' FIRM ON THEIR LETTER  
HEAD]

**TO WHOM IT MAY CONCERN**

This is to certify that the following financial positions extracted from the audited financial statements of M/s... .. (Name of the Bidder) for the last three (3) completed accounting years upto ..... (as the case may be) are correct.

<b>YEAR</b>	<b>TURN OVER In INR Crores / US\$ Million*</b>	<b>NET WORTH In INR Crores / US \$ Million *</b>

\* Rate of Conversion (if used any): USD 1.00 = INR. .... .

Place :

Date:

Seal:

Membership No ..

Registration Code:

Signature :

[\* Applicable only for GLOBAL tenders.]

\*\*\*

**Provisions to be incorporated in the ITB of tenders for procurement of Goods pertaining to Oil Gas business activities covered under Purchase preference Policy (linked with Local Content) (PP-LC)**

**Purchase preference policy (linked with Local Content)(PP-LC) notified vide letter no.O-27011/44/2015-ONG-II/FP dated 25.04.2017 of MoPNG.**

1. In case a bidder is eligible to seek benefits under PP-LC policy as well as Public Procurement Policy for MSEs-Order 2012, then the bidders should categorically seek benefits against only one of the two policies i.e. either PP-LC or MSE policy. If a bidder seeks free of cost tender document under the MSE policy, then it shall be considered that the bidder has sought benefit against the MSE policy and this option once exercised cannot be modified subsequently.
2. Bidders seeking Purchase preference (linked with Local Content)(PP-LC) shall be required to meet / exceed the target of Local Content (LC) of \_\_\_\_ %.  
(To select and indicate the Local Contents (LC) from Enclosure-I of policy documents. The LC limits shall be linked with date of TBO (Technical Bid Opening) of tender. For a tender due to open between 01.04.18 and 31.03.20, LC limit mentioned for 2018-20 shall be applicable. Similarly for a tender opening between 01.04.2020 to 31.03.2022, LC limits mentioned therein shall be applicable).
- 2.1 Such bidders shall furnish following undertaking from the manufacturer on Manufacturer's letter head along with their techno-commercial bid. The undertaking shall become a part of the contract.

*"We \_\_\_\_\_ (Name of Manufacturer) undertake that we meet the mandatory minimum Local Content (LC) requirement i.e. \_\_\_\_\_ (to be filled as notified at Enclosure I of the policy) for claiming purchase preference linked with Local Contents under the Govt. policy against under tender no. \_\_\_\_\_."*

- 2.2 Above undertaking shall be supported by the following certificate from Statutory Auditor engaged by the bidder, on the letter head of such Statutory Auditor.

*"We \_\_\_\_\_ the statutory auditor of M/s \_\_\_\_\_ (name of the bidder) hereby certify that M/s \_\_\_\_\_ (name of manufacturer) meet the mandatory Local Content requirements of the Goods and/or Services i.e. \_\_\_\_\_ (to be filled as notified at Enclosure I of the policy) quoted vide offer No. \_\_\_\_\_ dated \_\_\_\_\_ against OIL's tender No. \_\_\_\_\_ by M/s \_\_\_\_\_ (Name of the bidder)."*

Note :

- a. In case of bidder(s) for whom Statutory Auditor is not required as per law required certificates shall be provided by a practicing Chartered Accountant.
- b. In case the manufacturer himself is bidding then the certificate shall be submitted by the Statutory Auditors of the manufacturer who shall provide the break-up of the cost component as per Enclosure – II of the policy documents.
- c. In case of bidder is a supplier quoting on behalf of manufacturer then the certificate shall be submitted by the Statutory Auditors of the supplier who shall provide the break-up of the cost component of the manufacturer as per Enclosure – II of the policy documents. The responsibility for the certificate provided by the statutory auditor of the supplier shall be that of the supplier.
- d. In case the tender scope covers testing, installation and commissioning and any other services in respect of the supplied goods/equipments then such costs shall



also be considered in LC for which the bidder shall provide certificate from the Statutory Auditors or the Chartered Accountants as the case may be.

- 2.3 At the bidding stage the bidder shall provide Break-up of “Local Component” and “Imported Component” in the prescribed format enclosed as Enclosure-II of the policy document and submit / uploaded( in the e-procurement portal in case of e-tender) along with their price .
3. Eligible (techno-commercially qualified) LC bidder shall be granted a purchase preference of 10% i.e. where the evaluated price is within 10% of the evaluated lowest price of Non Local Content (NLC) bidder, other things being equal. Accordingly, purchase preference shall be granted to the eligible (techno-commercially qualified) LC bidder concerned, at the lowest valid i.e. NLC price bid.
- 3.1 Only those LC bidders whose bids are within 10% of the NLC L1 bid would be allowed an opportunity to match L1 bid. All the eligible LC bidder shall be asked to submit their confirmation to match their price in sealed envelopes. Envelopes of the bidders shall be opened and award shall be made to the lowest evaluated TA/CA (Techno-Commercially Acceptable) bidder among the eligible LC bidders. In case the lowest eligible LC bidder fails to match L1 price, the next eligible LC bidder will be awarded the prescribed quantity and so on. In case none of the eligible LC bidders matches the L1 bid, the actual bidder holding L1 price will secure the order.
4. Order for supply of 50% of the tendered quantity would be awarded to the lowest techno-commercially qualified LC bidder, subject to matching with valid NLC L1 price. The remaining quantity will be awarded to L1 (i.e. NLC bidder). Prescribed 50% tendered quantity for LC bidders shall not be further sub-divided among eligible LC bidders.
- 4.1 However, if L1 bidder happens to be a LC bidder, the entire procurement value shall be awarded to such bidder.
- 4.2 When the tendered goods/services cannot be divided in the exact ratio of 50% / 50% then OIL reserves the right to award on lowest eligible PP-LC bidder for quantity not less than 50% as may be dividable.

For example

In case tendered quantity is 3 (not divisible in the ratio of 50:50), PP-LC bidder shall get order for 2 nos. only and the rest will go to L-1 (NLC bidder).

OR

(Alternate clause applicable for cases where tendered quantity cannot be divided).

4. The tendered quantity is not splittable / non-dividable / cannot be procured from multiple sources. Hence, the entire procurement value shall be awarded to the lowest techno-commercially qualified LC bidder subject to matching with valid NLC L1 rates.
5. For the purpose of this policy, all terms used vide aforesaid policy shall be governed by the definitions specified at para 2 of the policy document notified by MoPNG vide letter No. O-27011/44/2015-ONG/II/FP dated 25.04.2017.
6. The successful bidder shall be obliged to fulfill the requirements of quality and delivery time in accordance with the provisions of the Purchase order/contract.

OIL shall have the right to satisfy itself of the production capability and product quality of the manufacturer.

## 7.0 Determination of LC

7.1 LC shall be computed on the basis of the cost of domestic components in goods compared to the whole cost of product. The whole cost of product shall be constituted of the cost spent for the production of goods, covering direct component (material) cost, direct manpower cost, factory overhead cost and shall exclude profit, company overhead cost and taxes for the delivery of goods.

7.2 The criteria for determination of the Local Content cost shall be as follows :

- a) In the case of direct component (material), based on country of origin.
- b) In the case of manpower based on INR component and
- c) In the case of working equipment/facility, based on the country or origin.

7.3 The calculation of LC of the combination of several kinds of goods shall be based on the ratio of the sum of the multiplication of LC of each of the goods with the acquisition price of each goods to the acquisition price of the combination of goods.

## 8.0 Calculation of LC and Reporting

8.1 LC shall be calculated on the basis of verifiable data. In the case of data used in the calculation of LC being not verifiable, the value of LC of the said component shall be treated as nil.

8.2 Formats for the calculation of LC of goods is given in this document.

## 9.0 Certification and Verification

9.1 Bidder seeking Purchase Preference under the policy, shall be obliged to verify the LC of goods as follows :

9.1.2 At bidding stage :

- a) Price Break-up
  - (i) The bidder shall provide break-up of “Local Component” and “Imported Component” along with the price bid as per provisions under clause 2.3.
  - (ii) Bidder must have LC in excess of the specified requirement.
- b) Undertaking by the bidder
  - i. The bidder shall submit undertaking along with the techno-commercial bid as per clause no.2.1, such undertaking shall become a part of the contract.
  - ii. Bidder shall also submit the list of items / services to be procured from Indian manufacturers / service providers.
- c) Statutory Auditor's Certificate

The Undertaking submitted by the bidder shall be support by a certificate from Statutory Auditor as per clause 2.2.

9.1.3 After Contract Award

- a) In the case of procurement cases with the value less than Rs. 5 crore (Rupees Five Crore), the LC content may be calculated (self-assessment) by the supplier of goods and/or the provider of services and certified by the Director/Authorized Representative of the Company.
- b) The verification of the procurement cases with the value Rupees Five Crore and above shall be carried out by a Statutory Auditor engaged by the bidder.

- 9.2 Each supplier shall provide the necessary Local Content documentation to the statutory auditor, which shall review and determine the local content requirements have been met and issue of local content certificate to that effect on behalf of OIL, stating the percentage of local content in the good or service measured. The Auditor shall keep all necessary information obtained from suppliers for measurement of Local Content confidential.
- 9.3 The Local Content certificate shall be submitted along with each invoice raised. However, the % of local content may vary with invoice while maintaining the overall % of local content for the total purchase of the pro-rata local content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.
- 9.4 Where currency quoted by the bidder is other than Indian Rupee then the bidder claiming benefits under PP-LC shall consider exchange rate prevailing on the date of notice inviting tender (NIT) for the calculation of Local Content.
- 9.5 OIL shall have the authority to audit as well as witness production processes to certify the achievement of the requisite local content.
- 10 Sanctions
- 10.1 OIL shall impose sanction on bidder/manufacturers/service providers for not fulfilling LC of goods/services in accordance with the value mentioned in certificate of LC.
- 10.2 The sanctions may be in the form of written warning, financial penalty and blacklisting.
- 10.3 If the bidder does not fulfill his obligation after the expiration of the period specified in such warning. OIL shall initiate action for blacklisting such bidder/ successful bidder.
- 10.4 A bidder who has been awarded the contract after availing Purchase Preference is found to have violated the LC provision, in the execution of the procurement contract of goods and/or services shall be subject to financial penalty over and above the PBG value prescribed in the contract and shall not be more than an amount equal to 10% of the Contract Price.
- 10.5 In pursuance of the clause No.10.4 above, towards fulfillment of conditions pertaining to Local Contents in accordance with the value mentioned in the certificate of LC, the bidder shall have to submit additional Bank Guarantee (format attached at Enclosure B) equivalent to the amount of PBG.
11. Bidders should note that PP – LC shall not be available in case of procurement of goods / services falling under the list of items reserved for exclusive purchase from Micro and Small Enterprise (MSEs) or Domestically Manufactured Electronic Products (DMEP).

**Proforma of Bank Guarantee towards Purchase Preference Local Content**

Ref. No. \_\_\_\_\_ Bank Guarantee No. \_\_\_\_\_  
Dated \_\_\_\_\_

To  
Oil India Limited

\_\_\_\_\_

India

Dear Sirs,

1. In consideration of \_\_\_\_\_ (hereinafter referred to as OIL, which expression shall, unless repugnant to the context or meaning thereof, include all its successors, administrators, executors and assignees) having entered into a CONTRACT No. \_\_\_\_\_ dated \_\_\_\_\_ (hereinafter called 'the CONTRACT' which expression shall include all the amendments thereto) with M/s \_\_\_\_\_ having its registered/head office at \_\_\_\_\_ (hereinafter referred to as the 'CONTRACTOR') which expression shall, unless repugnant to the context or meaning thereof include all its successors, administrators, executors and assignees) and OIL having agreed that the CONTRACTOR shall furnish to OIL a Bank guarantee for India Rupees/US\$ \_\_\_\_\_ for the faithful fulfillment of conditions pertaining to Local Content in accordance with the value mentioned in the certificate of Local Content submitted by the contractor for claiming purchase preference under the Purchase Preference Policy (linked with Local Content).

2. We (name of the bank) \_\_\_\_\_ registered under the laws of \_\_\_\_\_ having head/registered office at \_\_\_\_\_ (hereinafter referred to as "the Bank", which expression shall, unless repugnant to the context or meaning thereof, include all its successors, administrators, executors and permitted assignees) do hereby guarantee and undertake to pay to OIL immediately on first demand in writing any / all money to the extent of Indian Rs./US\$ (in figures) \_\_\_\_\_ (Indian Rupees/US Dollars (in words) \_\_\_\_\_) without any demur, reservation, contest or protest and/or without any reference to the CONTRACTOR. Any such demand made by OIL on the Bank by serving a written notice shall be conclusive and binding, without any proof, on the bank as regards the amount due and payable, notwithstanding any dispute(s) pending before any Court, Tribunal, Arbitrator or any other authority and/or any other matter or thin whatsoever, as liability under these presents being absolute and unequivocal. We agree that the guarantee herein contained shall be irrevocable and shall continue to be enforceable until it is discharged by OIL in writing. This guarantee shall not be determined, discharged or affected by the liquidation, winding up, dissolution or insolvency of the CONTRACTOR and shall remain valid, binding and operating against the bank.

3. The Bank also agrees that OIL at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance, without proceeding against the CONTRACTOR and notwithstanding any security or other guarantee that OIL may have in relation to the CONTRACTOR's liabilities.

4. The Bank further agrees the OIL shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said CONTRACT or to extend time of performance by the said CONTRACTOR(s) from time to time or to postpone for any time or from time to time exercise of any of the powers vested in OIL against the said CONTRACTOR(s) and to

forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said CONTRACTOR(s) or for any forbearance, act or omission on the part of OIL or any indulgence by OIL to the said CONTRACTOR(s) or any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

5. The Bank further agrees that the Guarantee herein contained shall remain in full force during the period that is taken for the performance of the CONTRACT and all dues of OIL under or by virtue of this CONTRACT have been fully paid and its claim satisfied or discharged or till OIL discharges this guarantee in writing, whichever is earlier.

6. This Guarantee shall not be discharged by any change in our constitution, in the constitution of OIL or that of the CONTRACTOR.

7. The Bank confirms that this guarantee has been issued with observance of appropriate laws of the country of issue.

8. The Bank also agrees that this guarantee shall be governed and construed in accordance with Indian Laws and subject to the exclusive jurisdiction of Indian Courts of the place from where the purchase CONTRACT has been placed.

9. Notwithstanding anything contained herein above, our liability under this Guarantee is limited to Indian Rs./US\$(in figures) \_\_\_\_\_ (Indian Rupees/US Dollars (in words) \_\_\_\_\_) and our guarantee shall remain in force until \_\_\_\_\_ (indicate the date of expiry of bank guarantee).

Any claim under this Guarantee must be received by us before the expiry of this Bank Guarantee. If no such claim has been received by us by the said date, the rights of OIL under this Guarantee will cease. However, if such a claim has been received by us within the said date, all the rights of OIL under this Guarantee shall be valid and shall not cease until we have satisfied that claim.

In witness whereof, the Bank through its authorized officer has set its hand and stamp on this \_\_\_\_\_ date of \_\_\_\_\_ 20\_\_\_\_ at \_\_\_\_\_

WITNESS NO.1

\_\_\_\_\_  
(Signature)  
Full name and official address  
(in legible letters)  
Stamp

\_\_\_\_\_  
(Signature)  
Full name, designation and address  
(in legible letters)  
With Bank

WITNESS NO.2

Attorney as per power of  
Attorney No. \_\_\_\_\_  
Dated \_\_\_\_\_

\_\_\_\_\_  
(Signature)  
Full name and official address  
(in legible letters)  
Stamp

**Formats for calculation of Local Content in Goods:**

**A. GOODS: ( As per Enclosure II of PP-LC Policy)**

**CALCULATION OF LOCAL CONTENT- GOODS**

Name of Manufacturer	Calculation by manufacturer Cost per one unit of product			
Cost component	Cost (Domestic component) a	Cost (Imported component) b	Cost Total Rs./Foreign Currency (To be specified by the manufacturer) c = a+b	%Domestic Component d = a/c
I. Direct material cost				
II. Direct labour cost				
III. Factory overhead				
IV. Total production cost				

**Note:**

$$\% \text{ LC Goods} = \frac{\text{Total cost (IV.c)} - \text{Total imported component cost (IV.b)}}{\text{Total Cost (IV.c)}} \times 100$$

$$\% \text{ LC Goods} = \frac{\text{Total domestic component cost (IV.a)}}{\text{Total Cost (IV.c)}} \times 100$$

As regards cases where currency quoted by the bidder is other than Indian Rupee, exchange rate prevailing on the date of notice inviting tender (NIT) shall be considered for the calculation of Local Content. *(Applicable for Foreign Purchase / Global Tenders)*

\*\*\*\*\*

## **GOODS AND SERVICES TAX**

Provision of Clause No. 6.3 & 6.4 of document no MM/LOCAL/E-01/2005(Revised in May 2016) stands deleted and replaced with the following:

**\*\*1** "GST" shall mean Goods and Services Tax charged on the supply of material(s) and services. The term "GST" shall be construed to include the Integrated Goods and Services Tax (hereinafter referred to as "IGST") or Central Goods and Services Tax (hereinafter referred to as "CGST") or State Goods and Services Tax (hereinafter referred to as "SGST") or Union Territory Goods and Services Tax (hereinafter referred to as "UTGST") depending upon the import / interstate or intrastate supplies, as the case may be. It shall also mean GST compensation Cess, if applicable.

**\*\*2** The quoted price shall be deemed to be inclusive of all taxes and duties except "Goods and Services Tax" (hereinafter called GST) (i.e. IGST or CGST and SGST/UTGST applicable in case of interstate supply or intra state supply respectively and GST compensation Cess if applicable).

**\*\*3** Contractor/vendor shall be required to issue tax invoice in accordance with GST Act and/or Rules so that input credit can be availed by OIL (Oil India Limited). In the event that the contractor / vendor fails to provide the invoice in the form and manner prescribed under the GST Act read with GST Invoicing Rules thereunder, OIL shall not be liable to make any payment on account of GST against such invoice.

**\*\*4** GST shall be paid against receipt of tax invoice and proof of payment of GST to government. In case of non-receipt of tax invoice or non-payment of GST by the contractor/vendor, OIL shall withhold the payment of GST.

**\*\*5** GST payable under reverse charge for specified services or goods under GST act or rules, if any, shall not be paid to the contractor/vendor but will be directly deposited to the government by OIL.

**\*\*6** Where OIL has the obligation to discharge GST liability under reverse charge mechanism and OIL has paid or is /liable to pay GST to the Government on which interest or penalties becomes payable as per GST laws for any reason which is not attributable to OIL or ITC with respect to such payments is not available to OIL for any reason which is not attributable to OIL, then OIL shall be entitled to deduct/ setoff / recover such amounts against any amounts paid or payable by OIL to Contractor / Supplier.

**\*\*7** The Supplier shall always comply with the requirements of applicable laws and provide necessary documents as prescribed under the Rules & Regulations, as applicable from time to time. In particular, if any tax credit, refund or other benefit is denied or delayed to OIL due to any non-compliance / delayed compliance by the Supplier under the Goods & Service Tax Act (such as failure to upload the details of the sale on the GSTN portal, failure to pay GST to the Government) or due to non-furnishing or furnishing of incorrect or incomplete documents by the Supplier, the Supplier shall be liable to reimburse OIL for all such losses and other consequences including, but not limited to the tax loss, interest and penalty.

**\*\*8** Notwithstanding anything contained anywhere in the Agreement, in the event that the input tax credit of the GST charged by the Contractor / Vendor is denied by the tax authorities to OIL for reasons attributable to Contractor / Vendor, OIL shall be entitled to recover such amount from the Contractor / Vendor by way of adjustment from the next invoice. In addition to the amount of GST, OIL shall also be entitled to recover interest at the rate prescribed under GST Act and penalty, in case any penalty is imposed by the tax authorities on OIL.

**\*\*.**9 TDS under GST, if applicable, shall be deducted from contractor's/vendor's bill at applicable rate and a certificate as per rules for tax so deducted shall be provided to the contractor/vendor.

**\*\*.**10 The Contractor will be under obligation for charging correct rate of tax as prescribed under the respective tax laws. Further the Contractor shall avail and pass on benefits of all exemptions/concessions available under tax laws.

**\*\*.**11 The contractor will be liable to ensure to have registered with the respective tax authorities and to submit self-attested copy of such registration certificate(s) and the Contractor will be responsible for procurement of material in its own registration (GSTIN) and also to issue its own Road Permit/ E-way Bill, if applicable etc.

**\*\*.**12 In case the bidder is covered under Composition Scheme under GST laws, then bidder should quote the price inclusive of the GST (CGST & SGST/UTGST or IGST). Further, such bidder should mention "Cover under composition system" in column for GST (CGST & SGST/UTGST or IGST) of price schedule.

**\*\*.**13 OIL will prefer to deal with registered supplier of goods/ services under GST. Therefore, bidders are requested to get themselves registered under GST, if not registered yet. However, in case any unregistered bidder is submitting their bid, their prices will be loaded with applicable GST while evaluation of bid. Where OIL/client is entitled for input credit of GST, the same will be considered for evaluation of bid as per evaluation methodology of tender document.

**\*\*.14 GST (GOODS & SERVICE TAX) (TRANSPORTATION CHARGES, SUPERVISION / TRAINING, SITE WORK):**

The quoted Prices towards Transportation, Supervision, Training, Site Work, AMC shall be inclusive of all taxes & duties except Goods & Service Tax (GST).

Goods & Service Tax (GST) as billed by the Supplier shall be payable at actuals by Owner subject to Contractor furnishing proper tax invoice issued in accordance with Goods & Service Tax (GST) rules to enable Owner to take input tax credit as per Govt. Rules 2004 on Goods & Service Tax (GST) paid.

Goods & Service Tax (GST) shall not be payable, if the requirements as specified above are not fulfilled by the Supplier. In case of non-receipt of above, Owner shall withhold the payment of Goods & Service Tax (GST).

In case of Foreign Bidders, where foreign bidder does not have permanent establishment in India, for supervision/training services by foreign supervisor at Project Site, Goods & Service Tax (GST) shall be paid by Owner to tax authorities.

**\*\*.15 Documentation requirement for GST**

The vendor will be under the obligation for invoicing correct tax rate of tax/duties as prescribed under the GST law to Owner/OIL, and pass on the benefits, if any, after availing input tax credit.

Any invoice issued shall contain the following particulars-

- a) Name, address and GSTIN of the supplier;
- b) Serial number of the invoice;
- c) Date of issue;
- d) Name, address and GSTIN or UIN, if registered of the recipient;



- e) Name and address of the recipient and the address of the delivery, along with the State and its code,
- f) HSN code of goods or Accounting Code of services;
- g) Description of goods or services;
- h) Quantity in case of goods and unit or Unique Quantity Code thereof;
- i) Total value of supply of goods or services or both;
- j) Taxable value of supply of goods or services or both taking into discount or abatement if any;
- k) Rate of tax (IGST, CGST, SGST/ UTGST, cess);
- l) Amount of tax charged in respect of taxable goods or services (IGST, CGST, SGST/ UTGST, cess);
- m) Place of supply along with the name of State, in case of supply in the course of inter-state trade or commerce;
- n) Address of the delivery where the same is different from the place of supply and
- o) Signature or digital signature of the supplier or his authorised representative.

GST invoice shall be prepared in triplicate, in case of supply of goods, in the following manner-

- a) The original copy being marked as ORIGINAL FOR RECIPIENT;
- b) The duplicate copy being marked as DUPLICATE FOR TRANSPORTER and
- c) The triplicate copy being marked as TRIPLICATE FOR SUPPLIER.

In case of any advance given against any supplies contract, the supplier of the goods shall issue Receipt Voucher containing the details of details of advance taken along with particulars as mentioned in clause no. \*\*.15 (a), (b), (c), (d), (g), (k), (l), (m) & (o) above.

**\*\*.16 GENERAL REMARKS ON TAXES & DUTIES:**

In view of GST Implementation from 1st July 2017, Excise Duty, CST/VAT, Service tax, Entry Tax and other indirect taxes and duties have been submerged in GST. Accordingly reference of Excise Duty, Service Tax, VAT, Sales Tax, Entry Tax, E1/E2 Forms, and any other form of indirect tax except of GST mentioned in the bidding document shall be ignored.



**OIL INDIA LIMITED**  
**(A Government of India Enterprises)**  
**RAJASTHAN PROJECT**  
**2A, SARASWATI NAGAR, DISTRICT SHOPPING CENTRE, BASNI**  
**PO : JODHPUR – 342005**  
**RAJASTHAN (INDIA)**

TELEPHONE NO. (91-291) 2727048  
FAX NO: (91-291) 2727050  
Email : [mat\\_rp@oilindia.in](mailto:mat_rp@oilindia.in)  
[erp\\_mm@oilindia.in](mailto:erp_mm@oilindia.in)

**OIL'S BOOKLET REF.**

**MM/LOCAL/E-01/2005**

**For**

**E-Procurement of Indigenous Tenders**

**(Revised on May 2016)**

# **INSTRUCTIONS TO BIDDERS**

## **GENERAL TERMS AND CONDITIONS**

**Bidders are requested to note the Amendment to General Terms and Conditions for E- PROCUREMENT LCB TENDERS (MM/LOCAL/E-01/2005) included vide ANNEXURE - I.**

### **1.0 ELIGIBILITY TO BID:**

- 1.1 The bid should be from Original Equipment manufacturers.
- 1.2 However, the bids from sole selling agents / authorised distributors / authorised dealers / authorised supply houses can also be considered, provided such bids are accompanied with back-up authority letter (valid at the time of bidding) from the manufacturer authorising them to market their product. OIL INDIA LIMITED (OIL) reserves the right to reject offers without back up authority letter from manufacturer.

### **1.3 SALE OF TENDER DOCUMENTS TO FIRMS WITH WHOM BUSINESS HAS BEEN BANNED / SUSPENDED:**

Firm(s) to whom no further business is to be given or dealings with whom have been banned / suspended are not eligible to participate in the tender and any bid received from such firm(s) shall not be considered and will be returned un-opened to the concerned firm(s). (Amendment)

### **2.0 TRANSFERABILITY OF BID DOCUMENTS**

- 2.1 The Bid documents are non-transferable. The bid can only be submitted in the name of the bidder in whose name the bid document has been issued.
- 2.2 Unsolicited offers will not be considered and will be straightway rejected.
- 2.3 Employees of Oil India Limited are prohibited from submitting and also from getting others to quote on their behalf.

### **3.0 TENDER FEE**

- 3.1 For Limited tenders, no tender fee will be required.
- 3.2 In case of press tenders, prospective bidders can purchase tender documents from the offices of the of Oil India Limited (hereinafter referred to as ~~OIL~~ mentioned in the notice inviting tenders (NIT) against an application along with requisite non-refundable tender fee. The bidders shall be able to create the bid online only after payment of tender fee. OIL will not take any responsibility for any delay/late in receipt of Tender Fee.

The tender fee will be acceptable in the form of crossed "Payee Account only "Bank Draft/BankersqCheque 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. The IPOs/Bank Drafts/Bankerq Cheques will be deposited and accounted for at the designated station provided in the tender document. In case of e-tender, tender fee shall be payable through online payment gateway also. The vendor will have to pay the requisite tender fees till the tender sale end date and time mentioned in the NIT. (Amendment)

### **3.3 EXEMPTION OF TENDER FEE :**

- 3.3.1 Micro and Small Enterprises (MSEs) registered with District Industry Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME will be exempted from payment of tender fee irrespective of the monetary limit mentioned in their registration certificate provided they furnish evidence that they are registered for the items they intend to quote against OIL tenders. Such bidders should provide documentary evidence along with the bid submitted in case of physical tenders. Their bid will be considered provided the correct and valid documentary evidence is provided. The Central Govt. Departments and Central Public Sector Undertakings will also be exempted from the payment of tender fee. Parties registered with DGS&D, having valid certificates will be exempted from payment of tender fee. (Amendment)
- 3.3.2 Bidders who intend to claim exemption from payment of the Tender Fee, should submit their request to the Tender Inviting Officer (contact e-mail address provided in the RFX parameters of the subject e-tender) with documentary evidence atleast 7 (seven) days prior to the last date of submission of bids, so that the exemption from payment of the Tender Fee is provided in the e-portal to that particular Bidder. (Amendment)

### **3.4 CANCELLATION OF TENDER - REFUND OF TENDER FEE**

The tender fee shall be refunded to the concerned bidder in the event, a particular tender is cancelled. In case of e-procurement tenders, wherever tender fee is required to be refunded, refund of the same shall be made to the bank account No. /card used for making payment towards purchase of tender documents. (Amendment)

### **4.0 COST OF BIDDING:**

- 4.1 The Bidder shall bear all costs associated with the preparation and submission of its bid and OIL will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

General Terms and Conditions with following **Annexures** (contained in booklet No: **MM/LOCAL/E-01/2005**)

- Annexure I : Amendment to General Terms and Conditions for E-PROCUREMENT LCB TENDERS (MM/LOCAL/E-01/2005).**
- Annexure IA : Bid Submission proforma**
- Annexure II : Price Schedule Proforma**
- Annexure III : Proforma of Exceptions/Deviations**
- Annexure IV : Check List**
- Annexure V : Proforma of Bidder's past supplies**
- Annexure VI : Proforma of Authorisation Letter for Attending Tender Opening**
- Annexure VII : Proforma of Bid Security**
- Annexure VIII : Proforma of Performance Security.**
- Annexure IX : Declaration Certificate**

- 4.2 The Bidder is expected to examine all instructions, forms, terms and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in the rejection of its bid without seeking any clarifications.

## **5.0 AMENDMENT TO BIDDING DOCUMENTS**

- 5.1 At any time prior to the bid closing date, OIL may for any reason, whether at its own initiative or in response to clarifications requested by the prospective bidder(s), modify the bidding document by amendment(s).

Amendments to the NIT after its issue will be published on OIL's website only. Revision, clarification, addendum, corrigendum, time extension etc. to the tender will be hosted on OIL website only. No separate notification shall be issued in the press. Prospective bidders are requested to visit website regularly to keep themselves updated. (Amendment)

- 5.2 OIL may at its discretion if considered necessary, extend the deadline for the submission of bids.

## **6.0 CONTENTS OF OFFERS :**

- 6.1.1 The Prices along with price related conditions shall be filled online in the Price-Bid screen. Any documents sought to be attached with price bid shall also be attached at appropriate place must be digitally signed.

Unpriced techno-commercial Bids shall be submitted in the prescribed bid proforma as per Annexure I to IX. The above Annexures shall be duly filled in without any alteration to OIL's proforma. The above Annexures along with copy of Bid Bond as per Annexure VII and all other techno-commercial documents other than price details to be submitted with unpriced bid as per tender requirement should be placed in the 'un-priced' bid folder.

- 6.1.2 The bid and all attached documents should be digitally signed using digital signatures issued by an acceptable Certifying Authority (CA) as per Indian IT Act 2000 before bid is uploaded. If any modifications are made to a document after attaching digital signature, the digital signature shall again be attached to such documents before uploading the same.

The authenticity of above digital signature shall be verified through authorised CA after bid opening and in case the digital signature is not authorized the bid will be rejected.

Bidder is responsible for ensuring the validity of digital signature and its proper usage by their employee.

- 6.1.3 The Bidders are advised in their own interest to ensure that all the points brought out in the check list enclosed at Annexure IV are complied with in their bid failing which the offer is liable to be rejected.

- 6.1.4 The bids can only be submitted in the name of the Bidder who have been permitted to participate in the bid. The bid papers, duly filled in and complete in all respects shall be submitted together with requisite information and Annexures. It shall be complete and free from ambiguity, change or interlineations.
- 6.1.5 The bidder should indicate at the time of quoting against this tender their full postal and Fax/Email addresses.
- 6.1.6 The bid including all attached documents shall be digitally signed by duly authorized representative of the bidding company.
- 6.1.7 The Bidder, in each tender for procurement of goods, will have to give a certificate in its offer, that the terms and conditions as laid down in this model bidding document booklet no. MM/LOCAL/E-01/2005 are acceptable to it in toto.
- 6.1.8 The bidders shall fill-in online the appropriate price schedule i.e the net unit prices of the goods they propose to supply and other pricing details etc. as per the Pricing condition separately .
- 6.1.9. The bidders must quote the following prices/information:
- i) Firm unit Ex-Works price of the quoted items and Currency.
  - ii) Firm Packing and forwarding component stating the place of despatch.
  - iii) Firm Freight as required in the price schedule stating road/rail freight.
  - iv) Any other Price component as applicable to the Tender.
- 6.2 OIL reserves the right to place order on FOR (despatching station) or FOR (destination) terms. Offered rate should be kept firm through delivery/despatch.

### **6.3 EXCISE DUTY :**

- 6.3.1 Excise Duty, if any, should be quoted either as "extra" or as inclusive as the case may be. The Seller, if happens to be a Supply House, should not quote "Excise Duty" as extra.
- 6.3.2 SSI Unit availing slabs rate of turnover for duty structure should specify the maximum Excise Duty levies against the order at the time of delivery, if order is placed on them.
- 6.3.3 Bidders, who are manufacturers, should indicate the rate of Excise Duty, if any, separately for all quoted items.
- 6.3.4 Any benefit/concession/exemption involved should be spelt out clearly by the bidders. In case such information is not furnished in the Bid, the offer will be loaded with the maximum amount of Excise duty applicable for the item for evaluation purpose. However, OIL reserves the right to place the order based on the excise duty indicated in the Bid which will be binding on the Bidder.
- 6.3.5 Bidder should indicate the following in their offer:
- a) Address of the factory from where the goods will be despatched.
  - b) Chapter, Heading and Sub-heading of the Excise tariff for the material offered.

#### **6.4 SALES TAX :**

- 6.4.1 In case of concessional Central Sales Tax(CST) @ 2 % ( or any other rate as per the Act), necessary -CØ form shall be issued by OIL wherever applicable at the time of settlement of invoice. Wherever State Sales Tax is payable by OIL, same shall be deducted at source for which tax deduction certificate shall be issued.
- 6.4.2 Any other benefit/concession/exemption available at the time of delivery should be spelt out clearly by the bidders. In case such information is not furnished in the Bid, the offer will be loaded with the normal amount of tax applicable for the item for evaluation purpose. However, OIL reserves the right to place the order based on the tax indicated in the Bid which will be binding on the Bidder.
- 6.5 Taxes, Excise duty, if any, should be quoted separately. IF TAXES ETC. ARE NOT SHOWN SEPARATELY THE OFFER WILL BE CONSIDERED TO BE INCLUSIVE OF ALL TAXES, DUTIES ETC. AND WILL BE BINDING ON THE BIDDER.

#### **6.6 OTHER TAXES & LEVIES :**

- (i) All taxes, stamp duties and other levies for the services including installation/commissioning, Training etc. shall be to the Bidder/Seller's account.
- (iii) Income Tax /Service Tax on the value of the Services rendered by the Bidder/Seller in connection with installation/commissioning, training etc. shall be deducted at source from the invoices at the appropriate rate under the I.T. Act & Rules from time to time.

#### **6.7 STATUTORY VARIATION :**

Any statutory variation (increase/decrease) in the rate of excise duty/sales tax/Customs Duty or any statutory levy after the closing date of tenders/revised priced bid, as the case may be, but within the contractual delivery/completion period will be to the account of OIL subject to documentary evidence. However, any increase in excise duty/sales tax/Customs Duty or any statutory levy after the expiry of the scheduled date of delivery shall be to the supplier's account.

#### **6.8 THIRD PARTY INSPECTION (TPI) (When specifically called for in the tender):**

- 6.8.1 Whenever inspection by OIL's approved Third Party Inspection Agencies has been called for in the tender, Bidder must indicate the availability of the OIL's approved Third Party Inspection Agencies in their area. OIL reserves the right to inspect the material through any of the Third Party Inspection Agencies.
- 6.8.2 All inclusive charges for Third Party Inspection (TPI) must be filled in on-line in the bid.
- 6.8.3 Offers without any mention about Third Party Inspection charges as specified above will be considered as inclusive of Third Party Inspection charges. When a bidder mentions

Third Party Inspection charges as extra without specifying the amount, the offer will be loaded with maximum value towards Third Party Inspection charges received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, Third Party Inspection charges mentioned by OIL on the Purchase Order will be binding on the bidder.

**6.9 SAMPLES (When specifically called for in the tender):**

6.9.1 Bidder shall submit Samples of requisite quantity whenever called for. Each sample shall be sealed and have a card affixed indicating

- a) Bidder's name, address, contact Telephone No. & Email address
- b) Tender No. and Bid opening Date
- c) Product Name
- d) Item No. of the tender

6.9.2 Sample must be received on or before the Bid Closing Date failing which the offer will be rejected.

6.9.3 Bidders who have been exempted from submission of tender sample through specific communication from OIL, need not submit any sample. However, they will be required to enclose a photocopy of the exemption letter along with their bid failing which their offers will be liable to be rejected.

**6.10 TRAINING (When specifically called for in the tender):**

6.10.1 Bidders shall indicate cost for training OIL's personnel separately whenever called for.

6.10.2 For training at Bidder's premises, only the training fee should be indicated by the Bidder. All charges towards to & fro fare, boarding/lodging and daily expenses etc. for OIL's personnel shall be borne by OIL.

6.10.3 For training at OIL's premises, the Bidder should quote training charges which should be inclusive of all charges of their personnel viz. to and fro air fares, boarding/lodging expenses and daily expenses etc. for the entire period. Local transport for commuting to the site at the place of training will be provided by OIL.

**6.11 INSTALLATION AND COMMISSIONING (When specifically called for in the tender):**

6.11.1 In the event installation and commissioning of the item by the technical experts of the bidders is involved, the charges thereof should be quoted separately which should be inclusive of to and fro air fares, boarding/lodging & daily expenses of the bidder's technical personnel amongst others. OIL will provide local transport for commuting to the installation site. Bidders shall also indicate in their offer the total expected time required for installation/commissioning of the items.



- 6.11.2 Offers without any mention about installation/commissioning and Training charges will be loaded with maximum value towards installation/commissioning and Training charges received against the tender for comparison purposes.

**6.12 DISCOUNT:**

Conditional and unsolicited discount will not be considered in evaluation. However, if such bidder happens to be the lowest recommended bidder, unsolicited discount without any condition will be considered for computing the contract price. (Amendment)

**6.13 VARIATION IN QUANTITY AFTER INVITATION OF TENDER:**

In case of supply tenders, the tender can have a provision for variation of quantity at the time of placement of order up to +/- 20%. The bids, however, shall be evaluated based on the tendered quantity to decide the inter se ranking of the bidder. (Amendment)

**6.14 TECHNICAL LITERATURE:**

Relevant technical literature must be submitted along with the offer whenever called for without which the offer would be liable to be rejected.

**6.15 DELIVERY :**

Offer should be for delivery at site as indicated, with firm delivery date. If delivery is not specifically indicated by the bidder, it will be construed that the delivery quoted is as per delivery indicated in our tender and will be binding on the bidder. The delivery will be counted from the date of receipt of the letter on intent/order by the successful bidder.

**6.16 VALIDITY OF BIDS:**

Validity of the bid shall be at least up to the validity mentioned in the tender document. If nothing is mentioned by the bidder in their offer, it will be presumed that the offer is valid as asked for in the tender document. Bids with lesser validity shall be rejected straightway. (Amendment)

**6.16.1 WITHDRAWAL OF OFFER BY BIDDER:**

The bidder, after submission of bid may withdraw their bid prior to bid closing date & time. In case the due date of submission is extended even after receipt of some bids due to some special circumstances, the bidder who has already submitted bid has right either to withdraw or revise his bids, without forfeiting the EMD. (Amendment)

After bid closing date in case any bidder withdraws their bid within the bid validity period, Bid Security will be forfeited and the party will be debarred for a period of 2 (two) years.

#### **6.17 VAGUE AND INDEFINITE EXPRESSIONS:**

Any vague and indefinite expressions such as ~~%Subject to prior sale+~~, ~~%Prices ruling at the time of despatch+~~, ~~%Subject to availability of materials+~~etc. will not be considered.

#### **6.18 FURNISHING FRAUDULENT INFORMATION/ DOCUMENT:**

If it is found that a Bidder has furnished fraudulent document/information, the Bid Security/Performance Security shall be forfeited and the party will be debarred for a period of 3(three) years from date of detection of such fraudulent act, besides the legal action. In case of major and serious fraud, period of debarment may be enhanced.

#### **6.19 BACKING OUT BY BIDDER AFTER ISSUE OF Letter of Award (LOA):**

In case the Bidder does not accept the LOA/Purchase Order issued within validity of their offer, the Bid Security (wherever applicable) shall be forfeited and the firm shall be debarred for 2(two) years.

#### **7.0 CLARIFICATION IN RESPECT OF INCOMPLETE OFFERS :**

Prospective bidders are advised to ensure that their bids are complete in all respects and conform to OIL's terms, conditions and bid evaluation criteria of the tender. Bids not complying with OIL's requirement may be rejected without seeking any clarification.

#### **8.0 BID SECURITY:**

(NOTE : This clause is applicable only in case of tenders wherever specifically mentioned.)

8.1 The Bid Security is required to protect the Company against the risk of Bidder's conduct, which would warrant forfeiture of the Bid Security, pursuant to sub clause 8.8.

8.2 All the bids must be accompanied by Bid Security in ORIGINAL for the amount as mentioned in the bid document and shall be in any one of the following forms:

(a) A Bank Guarantee in the prescribed format issued from any scheduled Indian Bank or Any Branch of an International bank situated in India and registered with Reserve Bank of India as scheduled foreign bank only will be accepted.

*Bank Guarantees issued by Banks in India should be on non-judicial stamp paper/Frinking receipt of requisite value, as per Indian Stamp Act, purchased in the name of the Banker or the bidder.*

*The Bank Guarantee shall be valid for 90 days beyond the validity of the bids specified in the Bid Document.*

*Bank Guarantee with any condition other than those mentioned in OIL's prescribed format shall not be accepted and bids submitted by bidders with such Bank Guarantee will be liable for rejection.*

(b) A Cashier's cheque or Demand Draft with validity of minimum 90 days or as per RBI's guidelines, drawn on ~~%Oil India Limited+~~and payable at Jodhpur, Rajasthan.

(Note : In case of submission of Demand Draft/Cashier Cheque towards Bid Security by bidder, OIL shall encash the Demand Draft/Cashier Cheque. However, the return of Bid Security will be governed by the terms and conditions of the Bid Document.)

(c) Online direct deposit of Bid Security amount in OIL's bank account through e-procurement portal in case of e-tender.

(Note : In case of online submission of Bid Security by bidder, the amount will only be refunded only after adjusting bank charges if any. The bank charges will be to bidder's account. However, the return of Bid Security will be governed by the terms and conditions of the Bid Document.)

- 8.3 Any bid not accompanied by a proper Bid Security in Original secured in accordance with sub-clause 8.2 above shall be rejected outright by the Company as non-responsive without any further reference.
- 8.4 The Bank Guarantee issued by a Bank amongst others shall contain the complete address of the Bank including Phone Nos., Fax Nos., E-mail address and Branch Code.
- 8.5 The bidders shall extend the validity of the Bid Security suitably, if and when specifically advised by OIL, at the bidder's cost.
- 8.6 Bid Security shall not accrue any interest during its period of validity or extended validity. OIL shall not be liable to pay any bank charges, commission or interest on the amount of Bid Security.
- 8.7 The Bank Guarantee should be enforceable at all branches of the issuing Bank within India and preferably at Jodhpur, Rajasthan, the place of issuance of tender.
- 8.8 The Bid Security shall be forfeited:
  - i) If a bidder withdraws their Bid during the period of bid validity specified by the bidder or any extension thereof agreed to by the bidder, and/or
  - ii) If the bidder having been notified of the acceptance of their bid by Company during the validity period of the bid including extension agreed to by the bidder:
    - a) Fails or refuses to accept the LOI/LOA/Order/Contract and/or
    - b) Fails or refuses to furnish Performance Security.and/or
  - iii) If a bidder furnishes fraudulent document/information in their bid and subsequent clarification against the tender/Purchase order/Contract.
- 8.9 The scan copy of the original Bid Security in the form of either Bank Guarantee or Cashier Cheque or Bank Draft shall be uploaded by bidder along with the Technical bid in the "Technical RFX Response" of OIL's E-portal. The original Bid Security shall be submitted by bidder to the office of Chief Manager(M&C), Oil India Ltd., Jodhpur-342005(Rajasthan), India in a sealed envelope which must reach Chief Manager(M&C) on or before 11.00 Hrs(IST) on the Bid Closing date or any other date and time specifically mentioned in the tender failing which the bid shall be rejected outright.

- 8.10 Unsuccessful Bidder's Bid Security will be returned within 30 days after finalization of the tender. However, in case of Two Bid tenders, Bid Security of the technically rejected bidders shall be returned after the priced bid opening of the acceptable bids.
- 8.11 Successful Bidder's Bid Security will be returned upon Bidder's furnishing the valid and proper Performance Security to OIL. Successful bidder will however, ensure validity of the Bid Security till such time the Performance Security in conformity with Clause 9.3 & 9.4 below is furnished.
- 8.12 In case, any such Bid Security in the form of a Bank Guarantee is found to be not genuine or issued by a fake banker or issued under the fake signatures, the bid submitted by the concerned bidder shall be rejected forthwith and the bidder shall be debarred from participating in future tenders for the period to be decided by Company.
- 8.13 In case any bidder withdraws their bid during the period of bid validity, Bid Security will be forfeited and the party shall be debarred for a period of 2 (two) years.
- 8.14 If it is found that a bidder has furnished fraudulent document/ information, the Bid Security shall be forfeited and the party shall be debarred for a period of 3(three) years from the date of detection of such fraudulent act, besides the legal action. In case of major and serious fraud, the period of debarment may be enhanced.
- 8.15 In case a bidder does not accept the LOI/Purchase Order/LOA issued within the validity of their offer, the Bid Security(if applicable) shall be forfeited and the party shall be debarred for a period of 2 (two) years. (Amendment)

**8.16 EXEMPTION OF BID SECURITY:**

Central Govt. departments, Central Public Sector undertakings are exempted from submitting Bid Security. Bidders registered with DGS&D and MSE units(and not their dealers/distributors) which are themselves registered with District Industry Center or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation(NSIC) or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME are also exempted from submitting Bid Security irrespective of monetary limit mentioned in their registration certificate provided they are registered for the same item(s)/services for which tender has been invited and provided they submit offer for their own products/services. However, the valid registration certificate issued by the authorities as above and indicating the category of item/services and the monetary limit for which they are registered must be submitted by the bidders along with their bids(Technical) without which the bidders will not be entitled for the exemption.ö (Amendment)

**9.0 PERFORMANCE SECURITY :**

**(NOTE :** This clause is applicable only in case of tenders wherever specifically mentioned.)

- 9.1 The successful bidder shall furnish to Company the Performance Security in the prescribed format enclosed (Annexure VIII) herewith within 30 days of receipt of the formal purchase order by the successful bidder failing which OIL reserves the right to cancel the order and forfeit the Bid Security. Bidders should undertake in their bids to submit Performance Security as stated above.

- 9.2 The amount of Performance Security and the date of expiry of the Performance Security shall be as indicated in the Purchase Order. The amount of Performance Security in case of Procurement of Goods shall be 10% of order value (unless specified otherwise).
- 9.3 The Performance Security shall be denominated in Rupees and shall be in any one of the following forms :
- (a) A Bank Guarantee in the prescribed format issued from any scheduled Indian Bank or Any Branch of an International bank situated in India and registered with Reserve Bank of India as scheduled foreign bank only will be accepted.  
Bank Guarantees issued by Banks in India should be on non-judicial stamp paper/Frinking receipt of requisite value, as per Indian Stamp Act, purchased in the name of the Banker or the Seller.  
Bank Guarantee with any condition other than those mentioned in OIL's prescribed format shall not be accepted and bids submitted by bidders with such Bank Guarantee will be liable for rejection.
- (b) A Cashier's cheque or Demand Draft with validity of minimum 90 days or as per RBI's guidelines, drawn on "Oil India Limited" and payable at Jodhpur, Rajasthan.  
(Note : In case of submission of Demand Draft/Cashier Cheque towards Performance Security by seller, OIL shall encash the Demand Draft/Cashier Cheque. However, the return of Performance Security will be governed by the terms and conditions of the Bid Document / Purchase order.)
- 9.4 The Performance Security specified above must be valid for 3(three) months beyond the Warranty period indicated in the Purchase Order /contract agreement. The Performance Security will be discharged by Company not later than 30 days following its expiry after completion of obligations under the order/contract. In the event of any extension of the Warranty period of the Purchase Order/Contract, Bank Guarantee should be extended by the Seller/Contractor by the equivalent period.
- 9.5 The Performance Security shall be payable to Company as compensation for any loss resulting from Supplier's/Contractor's failure to fulfil its obligations under the order/Contract.
- 9.6 The Performance Security will not accrue any interest during its period of validity or extended validity. OIL shall not be liable to pay any bank charges, commission or interest on the amount of Performance Security.
- 9.7 The Bank Guarantee issued by a Bank amongst others shall contain the complete address of the Bank including Phone Nos., Fax Nos., E-mail address and Branch Code.
- 9.8 Failure of the successful Bidder to comply with the requirements of clause 9.0 shall constitute sufficient grounds for annulment of the award and forfeiture of the Bid Security or Performance Security. In such an eventuality, the party shall be debarred for a period of 2(two) years from the date of default.

- 9.9 In the event of Seller's/Bidder's failure to discharge their obligations under the order/Contract, the Performance Security shall be encashed and the proceeds thereof shall be forfeited without any further reference to the Seller/Bidder.
- 9.10 In case, the Performance Security in the form of a Bank Guarantee is found to be not genuine or issued by a fake banker or issued under the fake signatures, the LOI/Purchase Order issued/placed on the bidder shall be treated as cancelled forthwith and the bidder shall be debarred from participating in future tenders. Further, the Bid Security submitted by such bidder shall be invoked without any further reference.
- 9.11 The Performance Security for capital nature items like plant and machinery etc. shall be valid for 12 months from the date of commissioning plus 3(three) months or 18 months from the date of shipment/despatch plus 3(three) months whichever concludes earlier. However, for consumables like chemicals, cement, tubular etc. the Performance Security shall be valid for 12 months from the date of shipment/despatch plus 3(three) months.
- 9.12 The supplier/contractor will extend the validity of the Performance Security, if and whenever specifically advised by OIL, at the Bidder/Seller/contractor's cost.
- 9.13 If it is found that a bidder/Seller/Contractor has furnished fraudulent document/information, the Performance Security shall be forfeited and the party shall be debarred for a period of 3(three) years from the date of detection of such fraudulent act, besides the legal action. In case of major and serious fraud, the period of debarment may be enhanced.

#### 10.0 **DOCUMENTS COMPRISING THE BID:**

- 10.1 The bid prepared by the bidder shall comprise the following components, duly completed:
- a) Price schedule (Refer on-line) Price Schedule as applicable)
  - b) Documentary evidence in accordance with Clause 1.2 if the bidder is other than Original Equipment Manufacturer.
  - c) Bid must accompany necessary literature/catalogue of the equipment as well as of the spare parts catalogue thereof, wherever required.
  - d) Bid Submission Proforma duly filled in (Refer Annexure I)
  - e) Exceptions/Deviations Form duly filled in (Refer Annexure III)
  - f) Check List duly filled in (Refer Annexure IV)
  - g) Bidder's past supplies proforma duly filled in (Refer Annexure V)
  - h) Authorisation letter for attending Tender Opening (Refer Annexure VI)
  - i) Bid Security, wherever required.
  - j) Confirmation about the Performance Security, wherever required
  - k) Back-up Authority Letter for warranty cover of manufacturer in case the bid is from sole selling agent/authorised distributor/authorised dealer/authorised supply house.

## **11.0 SUBMISSION AND OPENING OF BIDS:**

11.1 The bid along with all annexures and copies of documents should be submitted in e-form only through OIL's e-bidding engine. The price bids submitted in physical form against e-procurement tenders shall not be given any cognizance. However the following documents should necessarily be submitted in physical form in sealed envelope superscribed as "Tender Number and due for opening on....." The outer cover should duly bear the tender number and date of closing/opening prominently underlined, alongwith the address of Purchaser's office, as indicated in Invitation For Bids:

1. The original bid security.
2. Any other document required to be submitted in original as per tender requirement.
3. If Sample is called for in the Tender
4. Printed catalogue and Literature if called for in the NIT.

## **12.0 DEADLINE FOR SUBMISSION OF BIDS:**

12.1 Bidders will not be permitted by System to make any changes in their bid after bid has been uploaded by bidder. Bidder may however request the administrator of particular tender through the system for returning their bids before the due date of submission for resubmission. But no such request would be entertained once due date for submission of bids has been reached.

12.2 No bid can be submitted after the submission dead line is reached. The system time displayed on e-procurement web page shall decide the submission dead line.

## **13.0 CLARIFICATIONS OF BIDS :**

- 13.1 No unsolicited correspondence after submission of the offer will be taken cognizance of or responded to.
- 13.2 After the opening of the bid, OIL may at its discretion ask the bidder for clarification of its bids. The request for clarification and response shall be in writing and no change in the price or substance of the Bid shall be accepted. The reply of the bidder should be restricted to the clarifications sought.

## **14.0 EXTENSION OF BID SUBMISSION DATE :**

Normally no request for extension of Bid Closing Date will be entertained. However, in case of any changes in the specifications, inadequate response or for any other reasons, OIL may at its discretion, extend the Bid Closing Date and/or time.

## **15.0 LATE BIDS:**

Timely submission of tenders is the responsibility of the bidder. Bidders are advised in their own interest to ensure that bid are uploaded in system well before the closing date and time of the bid.

## **16.0 OPENING OF BIDS:**

- 16.1 The bid will be opened at 1300 Hrs. (IST) or on the date & time of opening indicated in "Invitation for Bid". Bidder or their authorised representative (only one person per bidder) will be allowed to be present at the time of opening of the Bids. However, a letter (in the form as per Annexure VI enclosed) must be produced to the Tender Opening Officer at the time of opening of tenders. Unless this letter is presented, the representative will not be allowed to attend the tender opening.
- 16.2 In case of unscheduled holiday on the closing/opening day of bid, the closing/opening date shall be re-fixed to next working day, the time notified remaining the same.

## **17.0 COMPLIANCE WITH TENDER :**

- 17.1 Bidder's offer must conform in all respects with the applicable specifications, drawings and terms and conditions of the tender. Any deviation from the tender specifications or terms and conditions must be clearly and explicitly stated. In order to be considered responsive, the Bidder must enclose Annexure 6 III (duly filled in) with their Bid.
- 17.2 OIL reserves the right to accept / reject any deviation in bidder's offer pertaining to the materials specifications or to the terms and conditions stipulated in this tender without assigning any reason other than Bid Rejection Criteria specified in the Bid document.

## **17.3 CHECK LIST :**

THE CHECK LIST, AS PER ANNEXURE - IV ENCLOSED, MUST BE COMPLETED AND SUBMITTED ALONG WITH THE OFFER.

## **18.0 PURCHASER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS.**

- 18.1 OIL reserves the right to accept / reject or prefer any offer either in full or in part or annul the bidding process and reject all bids at any time prior to award of contract without thereby incurring any liability to the affected bidder (s) or any obligation to inform the affected bidder (s) of the ground for OIL's action.

## **19.0 INSPECTION AND TEST :**

- 19.1 All materials to be supplied shall be subject to inspection and test by OIL at its discretion at any stage of manufacture and before despatch by mutual arrangement. Inspection and tests shall be carried out either by OIL's personnel or through a third party nominated by OIL. Seller has to arrange for the inspection through the nominated third party (whenever applicable) and obtain the necessary inspection certificates together with the declaration certificate (as per Format mentioned in Annexure IX)
- 19.2 OIL reserves the right to inspect the material through any of the Third Party Inspection Agencies. While appointing the Third party inspection Agency (from OIL's approved



agencies), the bidder shall pass instruction to the appointed Third Party Inspection Agency to comply and respond to the advice/queries made by OIL directly with the inspection agency in connection with the inspection.

- 19.3 Bidder must extend the required facility for inspection by Third Party Inspection Agency. The bidder will be responsible for arranging the third party inspection and must submit the inspection certificate in Original together with the Declaration Certificate (as per Format mentioned in Annexure IX) to OIL alongwith the despatch/shipping documents. The certificate issued by the Third Party Inspection Agency must specify that the inspection has been carried out for the material to be supplied to OIL INDIA LIMITED and inspection has been carried out as per the scope of inspection stipulated in OIL's Purchase Order. The certificate should also specify OIL's Purchase Order Number.

## **20.0 PACKING :**

- 20.1 Packing of goods must be sufficiently robust to withstand multiple handling during transit for delivery to their final destination so that contents do not get damaged. Protection of the plant and equipment against corrosion or deterioration must be given special attention.
- 20.2 Machined steel and iron parts are to be heavily greased / varnished as a prevention against rust.
- 20.3 In the case of internal combustion engines, compressors and similar equipment, internal parts are to be sprayed with an inhibitor or water splitting preservative and all openings covered with tape to prevent ingress of water.
- 20.4 Boxes / Packing cases containing electrical / electronic equipment are to be waterproof lined.
- 20.5 All items must have their respective identification marks painted / embossed on them.
- 20.6 Crates or boxes should have a list of items contained therein secured to the exterior by means of an enveloping piece of tin sheet nailed to the wood. A duplicate list should also be included inside the crate with the contents.
- 20.7 The Seller shall be responsible for damage of goods either in full or in part and for corrosion and/or deterioration of the plant and equipment during transit due to inadequate/insufficient packing or due to non-compliance with the above Para Nos. 20.1 to 20.4 depending upon the nature of items and as such shall be obligated to repair or replace the damaged goods or plant or equipment in full or in parts thereof, at free of cost to OIL within a reasonable period of time.

## **20.8 WEIGHT AND SIZE LIMITATION OF PACKAGES :**

Normal limiting dimensions and weights are as under :

<u>Category</u>	<u>Length</u>	<u>Width</u>	<u>Height</u>	<u>Capacity</u>
Truck	5.185 Mtrs.	1.98 Mtrs.	1.98 Mtrs.	9 MT
Normal Trailer	10.98 Mtrs.	2.44 Mtrs.	2.44 Mtrs.	18 MT
Semi Low Bed Trailer	10.98 Mtrs.	3.05 Mtrs.	3.05 Mtrs.	20 MT
Low Bed Trailer	6.71 Mtrs.	3.05 Mtrs.	3.81 Mtrs.	18 MT

This dimensional restriction must not be violated without prior approval from OIL. The finished packing should be in the form of a Box under the limited dimensions.

## **21.0 DESPATCH :**

### **21.1 Road Despatch :**

21.1.1 In the event of an order other than FOR Destination terms, the material will be required to despatch through OIL's approved transporters (which will be specified in the order) on Door Delivery basis.

21.1.2 For orders placed on FOR Destination basis, the material will be required to despatch through reputed Bank approved transporters only on Door Delivery basis. In case OIL is required to collect the material from transporters godown, extra expenditure incurred thereof will be recovered from the Bidder/seller.

21.1.3 Bidders to note that OIL is presently having a road transportation contract for transportation of its goods from various places in India to the destination of OIL's various spheres in India. Under the terms of the Contract, the transporter is required to lift the materials against any orders from the works of the suppliers if the gross weight of the consignment is more than 3 MT. However, if the gross weight of the consignment is less than 3 MT, it will be the responsibility of the supplier to deliver the goods to the office of the transporter located nearer to the supplier's works.

Bidders also to note that for small and sundry consignment having total gross weight less than 3 MT, the gross weight of each individual box should not exceed 300 KG for ease of handling.

Bidders to take note of the above while quoting their prices. Bidders however, to quote their own prices towards transportation of the goods from the point of despatch to the destination of OIL's various spheres in India as asked for in tender for the purpose of evaluation of their bids. Bidders may contact OIL to know about the name of the contractor as well as its offices in the place of the bidder(s). Presently, M/s Western Carriers have been engaged by OIL as its transporter for carrying its goods to various destinations.

OIL, however, reserves the right to transport the goods through its transporter. In the event OIL decides to transport the goods through its transporter, supplier must comply with the above instructions, wherever applicable and it will be obligatory on the part of the supplier to supply the goods complying to the norms specified. Any extra expenditure due to non-compliance of the above shall be to the account of the supplier.

## 21.2 Rail Despatch :

In case of Rail despatch, the Bidder will be fully responsible for arranging required railway wagons/rake. Tubular consignment will be despatched on open type wagons only. Height of the wagons should not exceed 4.6 metres.

## 21.3 For supplies to Fields Head Quarter at Duliajan, the successful suppliers will be given necessary permission to enter into the Industrial Area or Company's other operating areas to deliver the material as per timings given below:

- a) Monday to Friday :
  - Morning : 08.00 AM to 10.00 AM
  - Afternoon : 12.30 PM to 02.00 PM
- b) Saturday :
  - Morning : 08.00 AM to 10.00 AM

## 22.0 **INSURANCE** :

### 22.1 Transit insurance will be arranged and paid for by OIL for all orders other than FOR Destination orders. The Bidder/seller will be required to intimate the insurance agency (which will be specified in the Purchase Order) regarding the despatch details immediately after despatch. The Sellers have to arrange the transit insurance at their cost in case of orders placed on FOR Destination basis.

## 23.0 **PAYMENT TERMS:**

### 23.1 **Payment terms where installation / commissioning and Training are not involved :**

Payment will generally be made against completed supply. Where phased delivery is indicated in the order, payment will be made against each lot as per phasing.

In certain cases, payment to the extent of 90% maximum of the value of the supply will be made against proof of despatch presented through Bank or to OIL directly. Balance 10% of the value will be released not later than 30 days of receipt of goods at OIL's site. Adjustments, if any, towards liquidated damage shall be made from the balance 10% payment. OIL may consider releasing 100% payment against despatch documents for suppliers having good track record with OIL and where 10% Performance Security is submitted in time and no installation/commissioning is involved.

### 23.2 **Payment terms where installation /commissioning and Training are involved :**

Wherever installation / commissioning and Training are involved, 70% payment will be made against supply of materials and balance 30% after satisfactory commissioning at site along with the installation & commissioning charges after adjusting liquidated damages, if any. Payment towards training will be released after successful completion of training.

**23.3 Payment against Trial Orders :**

In the event of placement of trial orders, payment will be made only on acceptance of goods after successful field trial of the materials.

**23.4 Payment to third party :**

Request for payment/part payment to third party (i.e., other than the party on whom the order has been placed) will not be entertained by OIL under any circumstances. The offers stipulating payment/part payment to such third party will be considered as non-responsive and such offers will be rejected.

**24.0 BANKING CHARGES :**

All banking charges will be to the bidder's account.

**25.0 ADVANCE PAYMENT:**

25.1 Request for advance payment shall not be normally considered. Depending on merit and at the discretion of OIL, advance payment may be agreed at an interest rate of 1% above the prevailing Bank rate (CC rate) of State Bank of India compounding on quarterly basis from the date of payment of the advance till recovery /refund.

25.2 Advance payment if agreed to by the Company shall be paid only against submission of an acceptable Bank Guarantee whose value should be equivalent to the amount of advance plus the amount of interest estimated by OIL on the basis of contractual delivery period.

25.3 Bank Guarantee shall be valid for 3 months beyond the delivery period incorporated in the order and same shall be invoked in the event of Seller's failure to execute the order within the stipulated delivery period.

25.4 In the event of any extension to the delivery date, seller shall enhance the value of the bank guarantee to cover the interest for the extended period and also shall extend the validity of bank guarantee accordingly.

**26.0 CONFIDENTIAL INFORMATION :**

26.1 The Bidder / Seller shall treat as confidential all designs, drawings, data or information written or verbal, supplied by OIL and shall use its best endeavors to ensure that such design, drawings, data or information is not divulged to any third party except with the consent of OIL where necessary for the purpose of performance of its obligation hereunder and subject to similar undertakings being obtained from such third parties to treat such design, drawings, data or information in like confidence other than designs, drawings, data or information which at the time of proposed disclosure are within the public knowledge or in the Bidder's/Seller's possession.

## **27.0 PATENT AND OTHER RIGHTS :**

- 27.1 The Bidder/Seller shall fully indemnify OIL against any action, claim or demand, costs and expenses arising from or incurred by reason of any infringement or alleged infringement of any letter, patent, design, trademark or name, copy right or other legally protected rights in respect of any plant, work, materials to be supplied or any arrangement, system or method of using, fixing or working to be employed by the Bidder/Seller.
- 27.2 In the event of any claim or demand being made or action brought against OIL in respect of any of the aforesaid matters, OIL shall notify the Bidder/Seller thereof as soon as possible and Bidder/Seller shall conduct with the assistance of OIL if necessary, but at his own expense, all negotiation for the settlement of such matter and any legal proceeding, litigation/ arbitration involved or which may arise therefrom.

## **28.0 INDEMNITY AND INSURANCE :**

- 28.1 The Bidder/Seller shall defend or hold OIL harmless from all actions, claims, suits and demands made, against either or both of them in respect of injuries to or death of any person including employees of the Bidder/Seller or non-compliance of any statutory/safety requirement.
- 28.2 The Bidder/Seller shall also defend and hold OIL harmless for loss of and damage to property arising from the supply of any goods or materials or the erection, installation repair or operation for a period, of any plant hereunder.

## **29.0 ASSIGNMENT :**

- 29.1 The Bidder/Seller shall not transfer, assign or sublet the consequent Contract or any part thereof without the prior consent in writing from OIL. Any permitted transfer/assignment or subletting shall not relieve the Bidder/Seller of any of his obligations which might have arisen before such permission was given.

## **30.0 WARRANTY / GUARANTEE :**

- 30.1 Goods, materials or plant (s) to be supplied hereunder shall be new, of recent make, of the best quality & workmanship and shall be guaranteed by the Seller for a period mentioned hereunder against defects arising from faulty materials, workmanship or design. Defective goods / materials or parts notified by OIL to the Seller shall be replaced immediately by the Seller on F.O.R destination basis including payment of all taxes and duties at Seller's expense. This guarantee shall survive and hold good notwithstanding inspection, payment for and acceptance of the goods.

<b><u>NATURE OF ITEMS</u></b>	<b><u>PERIOD OF WARRANTY / GUARANTEE</u></b>
For consumables like Cement, Chemicals, tubulars etc	12 months from the date of despatch/shipment

For Capital Items	18 months from the date of despatch/shipment or 12 months from the date of successful commissioning, whichever is earlier
For other items	18 months from the date of despatch/shipment or 12 months from the date of receipt at destination, whichever is earlier

### **31.0 DEFAULT IN DELIVERY / LIQUIDATED DAMAGES :**

31.1 Time will be of the essence of the contract.

31.2 In the event of the Seller's default in maintaining the agreed delivery schedule set out in the order, OIL shall have the right to cancel the order at any time after expiry of scheduled delivery date without any reference to the Seller and make alternative arrangement at the discretion of OIL in which case extra expenditure involved, will be recoverable from the Seller and OIL shall not be responsible towards such cancellation or any damage that may be incurred by the Seller. The decision of OIL shall be final and binding on the Seller.

31.3 As an alternative to Clause No. 31.2 above, OIL reserve the right to accept the materials but, the Seller shall be liable to pay liquidated damages @ 0.5% per week or part thereof of the value of the goods in respect of which default in delivery takes place subject to a maximum of 7.5 %. Should there be default on the part of the Seller for more than 15 Weeks from the scheduled date to complete the delivery or to complete the installation/commissioning & Training (wherever applicable) successfully, OIL shall have the right, in addition to the provisions under Clause 31.2 to invoke the Performance Security without causing any notice to the Seller to this effect.

The amount of liquidated damage as stipulated above is a pre-estimated genuine loss as agreed by both the parties and shall be payable without any demur and shall not be open for any dispute whatsoever.

31.4 The liquidated damage as agreed by both the parties as a genuine pre-estimated loss shall be payable on Landed Cost of the materials at destination inclusive of all cost to the extent of default (undelivered portion only in cases where part delivery is acceptable) and commissioning at site is not involved.

### **32.0 FORCE MAJEURE :**

32.1 In the event of either of the parties being rendered unable, wholly or in part by force majeure to carry out its obligations under the agreement when entered into, it is agreed that on such party giving notice and full particulars of such force majeure in writing or by telegram / telex / fax to other party as soon as possible (within maximum one week), after the occurrence of the cause relied on then the obligations of the party giving such notice with proper documentary evidence so far as they are affected by such force

majeure, shall be suspended during the continuance of any inability so caused but for no longer period, and such cause as far as possible be remedied with all reasonable effort.

- 32.2 The term "Force Majeure" as used herein shall mean "Acts of God" including Landslides, Lightning, Earthquake, Fires, Storms, Floods, declared Wars, Blockades, insurrection, riots, Government regulations etc., which are not within the control of the party claiming suspension of its obligations within the meaning of the above Clause 32.1 and which renders performance of the contract by the said party completely impossible.

### **33.0 DEFAULT :**

- 33.1 In the event of an Contract with the Bidder, if the Bidder/Seller contravenes any of the provisions of the Contract or neglects to carry out his obligations of the Contract, OIL may give notice in writing thereof requiring the Bidder/Seller to remedy the breach within seven days, or within such period as OIL may agree to be reasonable and in the event of Bidder's/Seller's failing to do so, OIL will be at liberty to purchase the goods elsewhere or have the work which the Bidder/Seller has neglected to do, carried out by some other person at the Bidder's/Seller's expense. In such an event OIL shall have the right to terminate the Contract.

### **34.0 TERMINATION :**

- 34.1 In the event of an Contract with the Bidder, OIL shall have the right to terminate the Contract giving 7 days notice or such reasonable time and in this event shall pay to the Bidder/Seller such sum as shall fully compensate the Bidder/Seller for work carried out by them in performance of the Contract prior to such termination.

### **35.0 APPLICABLE LAW :**

The contract arising out of this tender shall be interpreted in accordance with and governed by the laws of India.

### **36.0 ARBITRATION :**

- 36.1 All disputes and differences whatsoever arising between the parties out of or relating to the construction, meaning and operation or effect of this Tender and consequent Contract or the breach thereof shall be mutually settled. However, in case no such mutual settlement is arrived at, the matter shall be settled by arbitration in accordance with the provision of arbitration of the Indian Arbitration & Conciliation Act, 1996 and any statutory modification or re-enactment thereof and the Rules made there under and for the time being in force. The venue of arbitration shall be at the place of issuance of tender unless otherwise agreed by OIL
- 36.2 In case of dispute with the Seller who happens to be a Public Sector Undertaking, the same shall be resolved as per Department of Public Enterprises (DPE) guidelines.

### **37.0 BID REJECTION CRITERIA :**

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 following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected :

- 37.1 Bidders shall offer firm price through delivery and not subject to variation on any account. Bids with adjustable price shall be treated as non responsive and rejected.
- 37.2 Offers with inadequate validity will be rejected.
- 37.3 Bids received after bid closing date and time shall be rejected. Also, modification of Bids received after Bid Closing date/time shall not be considered.
- 37.4 Offers received from unsolicited parties shall not be considered and rejected.
- 37.5 The authenticity of the digital signature shall be verified through authorised CA after bid opening and in case the digital signature is not authorized the bid will be rejected.
- 37.6 Any offer containing incorrect statement will be rejected
- 37.7 Bids without original Bid Security as per Para 8.0 (wherever called for) and confirmation regarding submission of requisite Performance Security as per Para 9.0 (wherever called for) shall be rejected.
- 37.8 The bids shall conform generally to the specifications and terms and conditions given in the tender. Bids shall be liable for rejection in case the goods offered don't conform to the required minimum / maximum parameters stipulated in the technical specifications and to the respective international/National standards wherever stipulated.
- 37.10 Bids not submitted in compliance with Para 6.9 above regarding submission of samples (whenever applicable) will be rejected.
- 37.11 To ascertain the substantial responsiveness of the bid, clarification in respect of clauses covered under BRC can be asked from the bidder and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the bid will be summarily rejected.
- 37.12 Offer shall be rejected straightaway without seeking clarification in case the party refuses to sign Integrity Pact. (Amendment)



- 37.13 Bidder must accept and comply with the following clauses as given in the Bid Document in toto failing which bid will be liable for rejection:
- i. Guarantee of Material clause
  - ii. Force Majeure Clause
  - iii. Arbitration Clause
  - iv. Acceptance of Jurisdiction and Applicable Law clause
  - v. Liquidated damage and penalty clause
  - vi. Integrity Pact clause
  - vii. Delivery Period clause (Amendment)

**38.0 BID EVALUATION CRITERIA :**

- 38.1 Bids which are found to be responsive and meeting the requirement both specification wise and terms and conditions in the enquiry will be considered for final evaluation.
- 38.2 Each item shall be normally evaluated independently unless otherwise stated.
- 38.3 In the event of computational error between unit price and total price, unit price shall prevail and adopted for evaluation.
- 38.4 Similarly, in the event of discrepancy between words and quoted figure, words will prevail.
- 38.5 Preference to Public Sector Undertaking and MSE etc. will be given as per prevailing Government Guidelines as applicable on bid closing date.
- 38.6 At the time of evaluation of the offers, past performance of similar equipment supplied by the bidder as well as after-sales service, supply of spares, etc. in respect of such equipment by the concerned bidder will be considered / evaluated. If the same are not found to be satisfactory as already communicated to the bidder, the offer may be considered as unacceptable offer and rejected.
- 38.7 Considering the nature of the item, if the product offered by the lowest acceptable bidder is not field proven in OIL, purchaser at its discretion may place a trial order to the extent of 25% (maximum) only and balance quantity will be procured from other competitive bidders whose product has been field proven in OIL.

**39.0 PURCHASE PREFERENCE :**

OIL reserves the right to allow to the Central Public Sector Enterprises, purchase preference facilities as admissible under the existing policy. However, the provisions are subject to change as per Govt. Guidelines and the provisions ruling at the time of bid (price bid in case of two bid/stage system) opening will be applicable. Bidders are requested to take a note of the latest guidelines of the Govt. in this regard on their own and quote accordingly.

#### **40.0 COMPARISION OF OFFERS:**

- 40.1 Comparison of the bids will be done on total F.O.R. destination cost basis to ascertain the lowest bid. Railway freight in case of bulky consignment (forming rake load) and road freight for others will be considered for arriving at the FOR destination cost.
- 40.2 In case of any conflict between the Rejection/Evaluation criteria stipulated in this Section with that given in the Invitation for Bid against specific Tender, those mentioned in the Invitation for Bid against specific Tender will prevail.

\*\*\*

**Amendment to General Terms and Conditions for E-PROCUREMENT LCB TENDERS (MM/LOCAL/E-01/2005).**

**The following New Clause in General Terms and Conditions for E-PROCUREMENT LCB TENDERS (MM/LOCAL/E-01/2005) has been added:**

**Public Procurement Policy for Micro and Small Enterprises (MSEs)**

Govt. of India under Micro, Small and Medium Enterprises Development (MSMED) Act 2006, has proclaimed the Public Procurement Policy, 2012 with effect from 1<sup>st</sup> April, 2012 in respect of procurement of goods and services, produced and provided by micro and small enterprises, by its Ministries, Departments and Public Sector Undertakings for promotion and development of Micro and Small Enterprises.

The Public Procurement Policy shall apply to Micro and Small Enterprises registered with:

- (i) District Industries Centers or
- (ii) Khadi and Village Industries Commission or
- (iii) Khadi and Village Industries Board or
- (iv) Coir Board or
- (v) National Small Industries Corporation or
- (vi) Directorate of Handicrafts and Handloom or
- (vii) Any other body specified by Ministry of Micro, Small and Medium Enterprises

**2.0 Classification of Micro, Small and Medium Enterprises (MSME) for supply of Goods :**

In the case of the enterprises engaged in the manufacture or production of goods pertaining to any industry specified in the First Schedule to the Industries (Development and Regulation) Act, 1951, as:

- (a) A Micro enterprise, where the investment in plant and machinery does not exceed twenty five lakh rupees.
- (b) A Small enterprise, where the investment in plant and machinery is more than twenty five lakh rupees but does not exceed five crore rupees.
- (c) A Medium enterprise, where the investment in plant and machinery is more than five crore rupees but does not exceed ten crore rupees.

2.1 The MSEs owned by SC/ST entrepreneurs shall mean:

- a) In case of Proprietary MSE, proprietor(s) shall be SC/ST.
- b) In case of Partnership MSE, the SC/ST partners shall be holding at least 51% share in the unit.
- c) In case of Private Limited Companies, at least 51% share is held by SC/ST. If the MSE is owned by SC/ST entrepreneurs, the bidder shall furnish appropriate documentary evidence in this regard.

**3.0 Benefits to Micro and Small Enterprises :**

- i) **Exemption from payment of Tender Fee :**

MSEs (and not their dealers/distributors) registered with District Industry Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME are exempted from payment of tender fee irrespective of the monetary limit mentioned in their registration certificate provided they furnish documentary evidence that they are registered for the items they intend to quote against OIL tenders.

ii) **Exemption from submission of Earnest Money/Bid Security :**

MSEs (and not their dealers/distributors) registered with District Industry Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME are exempted from submission of Bid Security/Earnest Money provided they are registered for the items they intend to quote.

4.0 **Documents Required to be submitted by MSEs :** Micro or Small Enterprises (MSE) registered with District Industry Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME shall submit copy of valid Registration Certificate for the items they intend to quote along with the bid. The Registration Certificate should clearly indicate the monetary limit, if any and the items for which bidder are registered with any of the aforesaid agencies.

In case bidding MSE is owned by Schedule Caste or Schedule Tribe entrepreneur, valid documentary evidence issued by the agency who has registered the bidder as MSE owned by SC/ST entrepreneur should also be enclosed.

5.0 **Performance Security** : Micro and Small Enterprises registered with District Industry Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME however, should note that Performance Security shall be required to be submitted by them for orders/contracts placed by OIL on them.

6.0 **Purchase Preference to Micro and Small Enterprises:**

**Purchase preference to Micro and Small Enterprises registered with District Industry Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME :**

In case participating MSEs quote price within price band of L1+15%, such MSE shall be allowed to supply bringing down their price to L1 price in a situation where L1 price is from someone other than a MSE and such MSE shall be allowed to supply 100% of tendered value at the L1 price.

A target of 4% out of 100% has been earmarked for procurement from MSEs owned by the SC or ST entrepreneurs. Provided that, in event of failure of such MSEs to participate in tender process or meet tender requirement and L-1 price, 4% earmarked for MSEs owned by SC or ST entrepreneurs shall be met from other MSEs.

In case of more than one such MSE qualifying for 15% purchase preference, the 100% supply shall be shared equally amongst such MSEs. However, in the opinion of OIL if tendered items are non-splitable or non-dividable, OIL reserves the right to place order for supply of 100% quantity to lowest eligible MSE amongst the MSEs qualifying for 15% Purchase preference.

7.0 In case a supplier (other than Micro/Small Enterprise) against an order placed by OIL procures materials from their sub-vendor who is a Micro or Small Enterprise registered with District Industry Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME, with prior consent in writing from OIL, the complete details (i.e. name of the subcontractor, value of sub-contacted work, copy of valid MSE registration certificate etc.) of the sub-contractor(s) shall be furnished by the supplier to OIL.

\*\*\*

**BID SUBMISSION PROFORMA**

Tender No :

Oil India Limited

Dear Sirs,

I / We have understood and compiled with the %Instructions to Bidders+at %Bid evaluation / Rejection Criteria+ and the %General Terms and Conditions+ for supply and have thoroughly examined and compiled with the specifications, drawings and / or pattern stipulated hereto and / are fully aware of the nature of the material required and my / our offer is to supply materials strictly in accordance with the requirements.

Yours faithfully,

**(SIGNATURE OF BIDDER)**

ADDRESS :

DATED :

TELEPHONE NO :

FAX NO :

EMIAL ADDRESS :

**Note** : This form should be returned along with offer duly signed

## **ANNEXURE - II**

### **Price Schedule Proforma**

-Deleted- not relevant for E-tendering

(Prices are to be quoted as per online format)

**PROFORMA EXCEPTION / DEVIATION****EXCEPTION / DEVIATION PERFORMA**

OIL expects the bidders to fully accept the terms and conditions of the bidding documents. However, should the bidder experience some exception and deviations to the terms of the bidding documents, the same should be indicated here and put in unpriced bid. In order to be considered responsive, Bidder's offer must specifically include the following statement :

- (a) We certify that our offer complies with all NIT requirements and specifications without any deviations.

Or

- (b) We certify that our offer complies with all NIT requirements and specifications with the following deviations :

Clause No. of Bidding Document	Full compliance/ not agreed	Exception/ deviations taken by the Bidders	Remark

**Signature of the Bidder**

**Name :**

**Seal of the company**



**CHECK LIST**

THE CHECK LIST MUST BE DULY FILLED UP COMPLETELY AND TO BE SUBMITTED ALONG WITH YOUR OFFER. PLEASE ENSURE THAT ALL THESE POINTS ARE COVERED IN YOUR OFFER. THESE WILL ENSURE THAT YOUR OFFER IS PROPERLY EVALUATED. PLEASE CROSS THE BOX WHICHEVER IS APPLICABLE.

**TECHNICAL**

1.0 Whether necessary literature/catalogue of the equipment as well as spare parts thereof has been attached with the offer?

☐ Yes ☐ No

2.0 Whether the product quoted is IS / BIS approved and bears IS / BIS monogram ? (if applicable)

☐ Yes ☐ No ☐ Not applicable

3.0 Whether required sample asked in bidding document has been submitted along with the offer ?

☐ Yes ☐ No ☐ Not applicable

4.0 If the sample has been asked for and the bidder is exempted from submission of sample, then whether exemption letter has been enclosed with the offer ?

☐ Yes ☐ No ☐ Not applicable

5.0 Whether the materials being offered fully conform to the required technical specifications ?

☐ Yes ☐ No

6.0 If not, whether you have separately highlighted the deviation?

☐ Yes ☐ No

## **COMMERCIAL**

1.1 Whether requisite tender fee has been paid ?

☐ Yes ☐ No ☐ Not applicable ☐

1.2 If so, furnish the following :-

(i) Value

(ii) Mode of payment: ☐ Cheque/ Draft ☐ Cash ☐

2.1 Whether Original Bid Security has been forwarded (if called for) ?

☐ Yes ☐ No ☐ Not applicable ☐

2.2 If so furnish the following:-

(i) Name of the Bank

(ii) Value

(iii) Number

(iv) Date of issue

(v) Period of validity of the Bank Draft/Bank Guarantee/Letter of Credit.

(The validity of Bank Draft should not be less than 180 days).

3.0 In case the Bidder is a supply house, whether authorisation from the manufacturer, authorising him to bid, has been enclosed with the offer ?

☐ Yes ☐ No ☐ Not applicable ☐

4.0 Have you offered firm price?

☐ Yes ☐ No ☐

5.0 Have you specified currency of the quoted price?

☐ Yes ☐ No ☐

6.0 Whether the period of validity of the offer is as required in bidding document?

☐ Yes ☐ No ☐

7.0 Have you indicate firm delivery ?

☐ Yes ☐ No ☐

8.0 Whether Original Bid Security has been forwarded in original (if called for) ?

☐ Yes ☐ No ☐ Not applicable ☐

9.0 Whether confirmation regarding submission of performance Security has been furnished (if called for) ?

☐ Yes ☐ No ☐ Not applicable ☐

10.0 Whether confirmation regarding Gurantee/ warranty has been furnished ?

☐ Yes ☐ No ☐

11.0 Whether Gross Weight / Volume of consignment has been furnished ?

☐ Yes ☐ No ☐

12.0 Whether the cost of Third party Inspection charges included in the quoted prices? If not, whether these have been quoted separately. (if called for)

☐ Yes ☐ No ☐ Not applicable ☐

13.0 Whether the cost of Installation/ erection / Commissioning at Site charges included in the quoted prices? If not, whether these have been quoted separately. (if called for)

☐ Yes ☐ No ☐ Not applicable ☐

14.0. Whether the cost of training of OIL personnel included in the prices? If not, whether these have been quoted separately. (if called for)

☐ Yes ☐ No ☐ Not applicable ☐

15.0 Has the statement incorporating the exceptions/deviations as per the proforma at Annexure . III, been prepared and enclosed with the offer?

☐  ☐

16.0 Has the bidder's past supplies proforma (Annexure . V) been carefully filled and enclosed with the offer ?

☐  ☐

17.0. In case Antidumping Duty is applicable, whether confirmation to bear the Antidumping duty by the Bidder has been made in the Bid.

☐  ☐  ☐

18.0. If the Bidder is seeking business with OIL for the first time, has he given the details of the parties to whom the offered items/services have been provided in past alongwith their performance report ?

☐  ☐

19.0 Whether required sample asked in bidding document has been submitted alongwith the offer ?

☐  ☐  ☐

20.0. Confirm that all documents required in unpriced techno-commercial bid without prices are placed in unpriced folder.

☐  ☐

21.0. Confirm that bid and all documents are signed using valid digital signatures issued by acceptable Certifying Authority (CA) as per Indian IT Act 2000.

☐  ☐

22.0 Whether firm Ex-works and FOR destination prices have been quoted by indigenous bidders

☐ Yes ☐ No ☐

23.0 Whether a copy of latest income tax clearance certificate has been enclosed ?

☐ Yes ☐ No ☐ Not applicable ☐

24.0 Whether details of your registration under Sale Tax/Central Sales Tax have been indicated in the offer?

☐ Yes ☐ No ☐

Offer Ref .. .....í í í í í í Dated . .....  
OIL's Tender No. .. .....í í í í . Signed í .....  
For & on behalf of ... .....Designation . .....

**ANNEXURE - V**

**PROFORMA IF BIDDER'S PAST SUPPLIES**

SL.NO	NAME & ADDRESS OF CLIENT	ORDER NO. & DATE	DESCRIPTION DETAILS	TOTAL QUANTITY SUPPLIED SUCCESSFULLY	TOTAL QUANTITY SUPPLIED SUCCESSFULLY

-----

NOTE :- CERTIFICATE FROM CLIENTS TO BE ENCLOSED ALONGWITH THIS  
PROFORMA

Signature of the Bidder

\_\_\_\_\_

Name\_ \_\_\_\_\_

\_\_\_\_\_

Seal of the Company

\_\_\_\_\_

**PERFORMA OF AUTHORISATION LETTER FOR ATTENDING TENDER OPENING**

NO.

Date

To,

The  
Oil India Ltd.,

(India)

Dear Sir,

Subject : **Tender No.**                      **due on**

For \_\_\_\_\_ Mr \_\_\_\_\_ has been authorised  
to be present at the time of opening of above tender due on \_\_\_\_\_ at \_\_\_\_\_ on  
my/our behalf.

Yours faithfully

Signature of Bidder

Name:  
Designation :  
For & on behalf of :

**Copy to:** Mr \_\_\_\_\_ for information and for production before the \_\_\_\_\_ (MM) \_\_\_\_\_ at the  
time of opening of bids.

**PERFORMA OF BID SECURITY**

Ref. No

Bank Guarantee No

Dated

TO,  
OIL INDIA LIMITED  
RAJASTHAN PROJECT  
P. O.: JODHPUR - 342005  
RAJASTHAN, INDIA

Whereas \_\_\_\_\_ (herein after called 'the Bidder') has submitted their Bid No. \_\_\_\_\_ dated.....against OIL INDIA LIMITED, RAJASTHAN PROJECT, JODHPUR, RAJASTHAN, INDIA (hereinafter called the purchaser) \$ tender No. \_\_\_\_\_ for the supply of (hereinafter called ~~the Bid~~ KNOW ALL MEN by these presents that we \_\_\_\_\_ . Of having our registered office at \_\_\_\_\_ ( hereinafter called ~~the Bank~~ are bound unto the Purchaser, in the sum of \_\_\_\_\_ for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the said Bank this .....day of.....

**THE CONDITIONS of this obligation are :**

1. If the Bidder withdraws their Bid during the period of Bid validity specified by the Bidder, or
2. If the Bidder, having been notified of the acceptance of their bid by the Purchaser during the period of bid validity :
  - a) fails or refuses to accept the order ; or
  - b) fails or refuses to furnish the performance security
3. If the Bidder furnished fraudulent document/information in their bid.

We undertake to pay to the Purchaser up to the above amount upon receipt of their first written demand (by way of letter /fax/cable) without the Purchaser having to substantiate their demand, provided that in their demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of any of the conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including \_\_\_\_\_( *Bidder to indicate specific date as mentioned in the tender*), and any demand in respect thereof should reach the Bank not later than the above date.

**The details of the issuing bank and controlling bank are as under:**

**A.Issuing Bank**

1. Full address of the bank:
2. Email address of the bankers:
3. Mobile nos. of the contact persons:

**B.Controlling Office**

1. Address of the controlling office of the BG issuing banks:
2. Name of the contact persons at the controlling office with their mobile nos. and email address:

***Signature& Seal of the Bank***



**PERFORMA OF PERFORMANCE SECURITY FORM**

Ref. No

Bank Guarantee No

Dated

TO,

OIL INDIA LIMITED  
 RAJASTHAN PROJECT  
 P. O.: JODHPUR - 342005  
 RAJASTHAN, INDIA

Whereas               õ õ õ õ õ õ .. (herein after called 'the Seller') has undertaken, in pursuance of Order No.               dated.               .....to supply               í í í ..(description of Goods and Services) hereinafter called the Contract

AND WHEREAS it has been stipulated by you in the said Contract that the seller shall furnish you a Bank guarantee by a recognized Bank for the sum specified therein as security for compliance with the Seller's performance obligation in accordance with the contract.

AND WHEREAS we have agreed to give the seller a Guarantee:

THEREFORE we hereby affirm that we are Guarantors on responsibility to you, on behalf of the seller, up to a total of               .....( amount of the Guarantee in words and figures) and we undertake to pay you upon first written demand declaring the Seller to be in default under the contract and without cavil or argument and sum or sums within the limits of.               .....(Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

The Guarantee is valid until the               .....í í ....day of               .....

**The details of the issuing bank and controlling bank are as under:**

**A.Issuing Bank**

1. Full address of the bank:
2. Email address of the bankers:
3. Mobile nos. of the contact persons:

**B.Controlling Office**

1. Address of the controlling office of the BG issuing banks:
2. Name of the contact persons at the controlling office with their mobile nos. and email address:

**Signature & Seal of the gurantors**

Date

.....  
 í í í í í í í í í í í í

Witness

# DECLARATION CERTIFICATE BY THE THIRD PARTY INSPECTOR

## TO WHOM IT MAY CONCERN

This is to certify that following material and quantity offered to us for inspection by M/s \_\_\_\_\_ has been inspected by us as per the scope of inspection mentioned in OIL INDIA LIMITED's Order No. \_\_\_\_\_ Dated. \_\_\_\_\_ and passed by us for despatch.

Materials :

Quantity Passed :

Certificate No. :  
Issued by us.

Date. \_\_\_\_\_ .

Seal

Signature of Third Party Inspector

Name:

Designation :

For & on behalf of :

**Annexure-XII**

**INTEGRITY PACT**

Between

Oil India Limited (OIL) hereinafter referred to as "The Principal"

And

( **Name of the bidder** ).....hereinafter referred to as "The Bidder/Contractor"

**Preamble :**

The Principal intends to award, under laid down organizational procedures, contract/s for **Tender No. SJI5209P18**. The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

In order to achieve these goals, the Principal cooperates with the renowned international Non-Governmental Organisation "Transparency International" (TI). Following TI's national and international experience, the Principal will appoint an external independent Monitor who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

**Section 1 - Commitments of the Principal**

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
  1. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.
  2. The Principal will, during the tender process treat all Bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder could obtain an advantage in relation to the tender process or the contract execution.
  3. The Principal will exclude from the process all known prejudiced persons.
- (2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a Page 2 of 6 substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

## **Section 2 - Commitments of the Bidder/Contractor**

- (1) The Bidder/Contractor commits itself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
1. The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
  2. The Bidder/Contractor will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the bidding process.
  3. The Bidder/Contractor will not commit any offence under the relevant Anticorruption Laws of India; further the Bidder/Contractor will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
  4. The Bidder/Contractor will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- (2) The Bidder/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.

## **Section 3 - Disqualification from tender process and exclusion from future Contracts**

If the Bidder, before contract award has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or risibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process or to terminate the contract, if already signed, for such reason.

1. If the Bidder/Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.
2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.
3. If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.
1. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.

#### **Section 4 - Compensation for Damages**

1. If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to 3 % of the value of the offer or the amount equivalent to Earnest Money Deposit/Bid Security, whichever is higher.
2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.
3. The bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder/Contractor can prove and establish that the exclusion of the Bidder from the tender process or the termination of the contract after the contract award has caused no damage or less damage than the amount or the liquidated damages, the Bidder/Contractor shall compensate the Principal only to the extent of the damage in the amount proved.

### **Section 5 - Previous transgression**

1. The Bidder declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the TI approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

### **Section 6 - Equal treatment of all Bidders/Contractor/Subcontractors**

1. The Bidder/Contractor undertakes to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.
2. The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.
3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

### **Section 7 - Criminal charges against violating Bidders/Contractors/ Subcontractors**

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

### **Section 8 - External Independent Monitor/Monitors (three in number depending on the size of the contract) (to be decided by the Chairperson of the Principal)**

1. The Principal appoints competent and credible external independent Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairperson of the Board of the Principal.

3. The Contractor accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor with confidentiality.
4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.
7. If the Monitor has reported to the Chairperson of the Board a substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the Chairperson has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
8. The word 'Monitor' would include both singular and plural.

### Section 9 - Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chairperson of the Principal.

### Section 10 - Other provisions

1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi.
2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
3. If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.
4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

DAYA SHANKAR  
MATERIALS MANAGER  
-----  
For the Principal

-----  
For the Bidder/Contractor

Place. Jodhpur

Witness 1 : .....

Date :

Witness 2 : .....



**Technical Bid Checklist****Annexure-EEE**

Tender No.	SJIS209P18		
Bidder's Name :			
		<b>Compliance by Bidder</b>	
SL. NO.	BEC / TENDER REQUIREMENTS	Indicate 'Confirmed' / 'Not Confirmed' / Not applicable	Indicate Corresponding page ref. of unpriced bid or Comments
1	Bidder to confirm that he has not taken any exception/deviations to the bid document .		
2	Confirm that the product offered strictly conform to the technical specifications.		
3	Confirm that the Offer has been made with Bid Bond / Bank Guarantee / Earnest Money along with the offer (Wherever Applicable) ?		
4	Confirm unconditional validity of the bid for 120 days from the date of opening of techno-commercial bid.		
5	Confirm that the prices offered are firm and / or without any qualifications?		
6	Confirm that all relevant fields in the on-line bidding format been filled in by the bidders for the items quoted by them.		
7	Confirm that the the price bid is in conformity with OIL's online bidding format ?		
8	Confirm that the Bid comply with all the terms & conditions ?		
9	Confirm that the offers and all attached documents are digitally signed using digital signatures issued by an acceptable Certifying Authority (CA) as per Indian IT Act 2000.		
10	CONFIRM THAT YOU HAVE SUBMITTED THE DULY SIGNED INTEGRITY PACT DOCUMENT (Wherever Applicable)		
11	CONFIRM THAT YOU HAVE SHALL SUBMIT PERFORMANCE BANK GUARANTEE AS PER NIT IN THE EVENT OF PLACEMENT OF ORDER ON YOU (Wherever Applicable)		
12	CONFIRM THAT YOU HAVE SUBMITTED DOCUMENTS AS PER GENERAL QUALIFICATION CRITERIA		

NOTE: Please fill up the greyed cells only.

Bidders Response sheets for Indian Bidders	
Tender No: SJI5209P18	
Name of the Bidder	
Currency of Quotation	
Place of Despatch (Ex- Works)	
Total Weight of Quoted Items	
Total Volume of Quoted Items	
Details of Lisioning Agent, if any	
	Indicate "Quoted" or "Not Quoted"
Unit Road Freight in INR	
HANDLING CHARGE	
Validity of the Bid	
Delivery Period Quoted in Weeks from Placement of Order	
Payment Term	

**(TO BE FILLED UP BY ALL THE VENDOR IN THEIR OWN LETTER HEAD)  
(ALL FIELDS ARE MANDATORY)**

**Tender No.** : SJI5209P18  
**Name of Beneficiary** :M/s.....  
**Vendor Code** :.....  
**Address** :.....  
.....  
**Phone No. (Land Line)** :.....  
**Mobile No.** :.....  
**E-mail address** :.....  
**Bank Account No. (Minimum  
Eleven Digit No.)** :.....  
**Bank Name** :.....  
**Branch** :.....  
**Complete Address of your  
Bank** :.....  
.....  
**IFSC Code of your Bank**  
    a) RTGS :.....  
    b) NEFT :.....  
**PAN** :.....  
**GST Registration No.** :.....  
**Provident Fund Registration** :.....

I/We confirm and agree that all payments due to me/us from Oil India Limited can be remitted to our above mentioned account directly and we shall not hold Oil India Limited responsible if the amount due from Oil India Limited is remitted to wrong account due to incorrect details furnished by us.

Office Seal

.....  
Signature of Vendor

Counter Signed by Banker:  
Seal of Bank:

**Enclosure: Self attested photocopies of the following documents-**

- 1) PAN Card
- 2) GST Registration Certificate
- 3) Provident Registration Certificate
- 4) Cancelled cheque of the bank account mentioned above (in original).
- 5) Bank Statement not older than 15 days on the date of submission.

**GUIDE LINE FOR FILLING UP PRICED BID IN OIL'S E-TENDER PORTAL**  
**UNLESS OTHERWISE MENTIONED IN THE TENDER**

**1.0 FOR INDEGENOUS BIDDER :**

1.0	<b>Basic Mat / Serv Price</b>	PUT THE BASIC PRICE OF THE MATERIAL.
2.0	Ind Freight	PUT THE INLAND FREIGHT UP TO DESTINATION EXCLUDING GST ETC. <b>IT SHALL BE CONSIDERED AS EXTRA IF OTHERWISE NOT MENTIONED IN THE QUOTATION FOR COST EVALUATION.</b>
3.0	Other Charges -Value	PUT IN CASE OF ANY OTHER CHARGE IN ADDTION TO THE ABOVE AND REASON OF OTHERCHARGE TO BE MENTIONED IN THE ATTRIBUTE OR IN YOUR TECHNO-COMMERCIAL BID.IN CASE OF HANDLING CHARGE FOR RAIL DESPATCH UP TO THE NEAREST RAIL HEAD TO BE MENTIONED HERE. <b>THE AMOUNT SHOWN HERE SHALL BE CONSIDERED AS EXTRA AND SHALL BE ADDED WITH BASIC MATERIAL PRICE ,IF OTHERWISE NOT MENTIONED IN THE QUOTATION FOR COST EVALUATION.</b>
4.0	Pkg Charges-Value	PUT PACKING AND FORWARDING CHARGE <b><u>IF ANY</u></b> IN ADDITION TO THE PRICE MENTIONED IN THE BASIC MATERIAL PRICE. <b>THE VALUE IS MENTIONED IN THIS FIELD, SHALL BE ADDED WITH THE BASIC MATERIAL PRICE IF OTHERWISE NOT MENTIONED IN THE QUOTATION FOR COST EVALUATION.</b>
5.0	Install & Training -Value	PUT INSTALLTION AND TRAINING CHARGE WHENEVER APPLICABLE IN THE TENDER. <b>IT SHALL BE CONSIDERED AS</b>

		<b>EXTRA IF OTHERWISE NOT MENTIONED IN THE QUOTATION FOR COST EVALUATION.</b>
6.0	Import Content-Value	PUT THE VALUE IF APPLICABLE.
7.0	GST - %	PUT THE CURRENT % of GST APPLICABLE
8.0	Training Charges-Val	PUT TRAINING CHARGE WHENEVER APPLICABLE IN THE TENDER. <b>IT SHALL BE CONSIDERED AS EXTRA IF OTHERWISE NOT MENTIONED IN THE QUOTATION FOR COST EVALUATION.</b>
9.0	TPI Charges- Value	PUT THE THIRD PARTY INSPECTION CHARGE IF APPLICABLE AS PER TENDER. <b>IT SHALL BE CONSIDERED AS EXTRA IF OTHERWISE NOT MENTIONED IN THE QUOTATION FOR COST EVALUATION.</b>

**NOTE:**

A) The tender is invited under **SINGLE STAGE-TWO BID SYSTEM**. The bidders are required to submit both the “**TECHNO-COMMERCIAL UNPRICED BID**” and “**PRICED BID**” through electronic format in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender.

B) Please ensure that Technical Bid / all technical related documents related to the tender are uploaded in the RFx Information > Technical Attachment only. The “**TECHNO-COMMERCIAL UNPRICED BID**” shall contain all techno-commercial details **except the prices**. **Please note that no price details should be uploaded in Technical RFx Response.**

C) The “**PRICE BID**” must contain the price schedule and the bidder’s commercial terms and conditions. **For price upload area , please refer “NEW INSTRUCTIONS”**

Please do refer “**NEW INSTRUCTION TO BIDDER FOR SUBMISSION**” and also please refer “ **New Vendor Manual (effective 12.04.2017)** ” available in the login Page of the OIL’s E-tender Portal.



**Oil India Limited e-Procurement**

User ID \*

Password \*

Logon Problems? [Get Support](#)

[Supplier Enlistment for E-Tender](#)

[Important Note for New Portal Users:](#)

[Click here to View Compatibility Settings](#)

[General Guidelines to bidders](#)

[Click for User Manuals](#)

© 2012 Oil India Limited. All rights reserved.

[Click for Terms of use](#), [Privacy Policy](#), [Refund Policy Docs](#)

Click here for the New Manual & Instruction

## **Guidelines to Bidders for participating in OIL's e-Procurement tenders**

OIL INDIA LIMITED (OIL) has upgraded its E-tender Portal. As part of the new system, the intending bidder must have Encryption Certificate along with Digital Signature Certificate (DSC) of Class III [Organization]. The date for implementation of new system is 12<sup>th</sup> April 2017 and the requirement of the new DSC will be applicable for the tenders floated from 12<sup>th</sup> April 2017 onwards. All our current and prospective esteemed bidders are therefore requested to acquire Class III DSC [Organization] along with Encryption Certificate issued by any of the Licensed Certifying Authorities (CA) operating under Controller of Certifying Authorities (CCA) of India as per Indian IT Act 2000. Guideline for getting Digital Signature , New procedure for submission of response in system , system setting & other related informations are available on the website [www.oil-india.com](http://www.oil-india.com) .

### **Bid invitations (Tenders)**

1. The details of e-Procurement tenders can be accessed from our **e-Procurement** site <https://etender.srm.oilindia.in/irj/portal>
- 2.If you do not have a user id, please click on Guest login button to view available open tenders.
- 3.For obtaining User ID and Password , interested bidders are requested to go for Online Registration. Please do go to the url: <https://etender.srm.oilindia.in/irj/portal> And go to the link Supplier Enlistment for E-Tender .

### **Pre-requisites to submit tenders on line**

- 1.Bidder should have a valid User Id to access OIL e-Procurement site.
2. Bidder should have a legally valid digital certificate with Organization Name alone with Encryption Certificate as per Indian IT Act from the Licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India as per Indian IT Act 2000.
3. Bidder should have paid the requisite tender fee, if applicable for the Bid Invitation. If you are exempt from paying tender fee, you should have got an exemption from the Tender Officer.
4. Bidder should fulfill any other pre-requisites mentioned in the tender documents of a specific tender.

### **Obtaining User Id to access OIL e-Procurement site**

1. For obtaining User ID and Password, interested bidders are requested to go for Online Registration. Please do go to the url: <https://etender.srm.oilindia.in/irj/portal> And go to the link Supplier Enlistment for E-Tender. Other details can be viewed in [www.oil-india.com](http://www.oil-india.com).

Bidders are advised to apply for user ID at least 7 days prior to the last date of tender fee payment for their own interests. User ID's shall be processed within 4 days subject to furnish complete information by the bidder. OIL shall not be responsible for any delays in allocation of user ID/password and other tender related formalities.

2. Once the registration is completed Initially user id and password will be assigned to the bidder.

### **Instructions for obtaining Digital Signature & Encryption Certificate (DSC)**

1. In order to bid for OIL e-tenders all the vendors are required to obtain a legally valid Digital Certificate Class III [Organization] along with Encryption Certificate as per Indian IT Act from the licensed Certifying Authorities (CA) operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India.

Digital Signature Certificate comes in a pair of Signing/verification and encryption/decryption certificate. Bidder should have both the Signing/verification and Encryption/Decryption certificate for Signing and encryption, decryption purpose respectively. The driver needs to be installed once, without which the DSC will not be recognized. While participating on eTendering the DSC token should be connected to your system.

The cost of obtaining the digital certificate shall be borne by the vendor.

### **2.Steps for obtaining Digital Certificate & Encryption Certificate**

Visit the site of the licensed CA\* using internet browser ( <http://www.cca.gov.in/>)

Apply online for Digital Certificate Class III [Organization] along with Encryption Certificate for the designated individual with organization name. Ensure the Digital Certificate is legally valid in India.

For making payment and submission of documents required for issue of the Digital Certificate & Encryption, follow the instructions on the CA's website.



Use the class III Digital Certificate [Organization] & Encryption Certificate thus obtained for online bidding on OIL e-Procurement site.

**\*Links to some licensed CA's are provided below**

1. <http://www.safescrypt.com/>
2. <http://www.tcs-ca.tcs.co.in/>
3. <http://www.mtnltrustline.com/>
4. <http://www.gnvfc.com/> etc

### 3. Technical Settings

**Web Browser:** Internet explorer ver8.0 or higher recommended.

**Proxy:** If you are unable to access OIL e-Procurement site or Bid Documents, check if you are using proxy to connect to internet or if your PC is behind any firewall. Contact your system administrator to enable connectivity. Please note that Port for HTTPS connectivity should be enabled on your proxy/firewall. Dial-up internet connectivity without Proxy settings is another option.

**Pop-ups:** Pop-ups should be enabled on OIL e-Procurement URL and Bid Documents URLs. This is required to view tender documents.

**Active-X Controls:** Maintain the settings as described in Internet Explorer settings document to enable digital signature signing and verification.

**Recommended Screen Resolution:** 1024 by 768 pixels.

**Internet Speeds:** If you are experiencing slow connectivity to OIL e-Procurement, then contact your system administrator or ISP provider for desirable speeds.

### INTERNET EXPLORER SETTING

The system requirement for e-bidding is PC/Laptop having windows Operating System, Internet explorer browser & internet broadband connectivity. Following settings are required to be carried out in pc/laptop for proper functioning of digital signature in OIL e-tender application. Before using etender site for bidding, ensure that the below mentioned settings in Internet Explorer are properly configured.

#### Step1

Open internet explorer-> tools-> internet options -> security tab: trusted sites->add the site :-> <https://etender.srm.oilindia.in/irj/portal>

#### Step2

Open internet explorer->tools->internet options->security tab->trusted sites ->custom level ->disable the „use pop-up blocker ☐ option. Under the head „miscellaneous ☐ set custom setting to low or medium. Press ok button to save the settings.

#### Step3

Open internet explorer->tools->internet options->privacy tab->untick the Turn on pop-up Blocker check box. Open internet explorer->tools->internet options->privacy tab ->set the level to „Accept all cookies ☐

Press ok button to save the settings.

**Step4**

Turn off pop-up blocker / remove any toolbar programs like rediff toolbar, yahoo toolbar etc. from your PC using add/remove programs. Restart the computer.

**Step5**

Changing the zoom level of IE to exactly 100%. The „Zoom level□ option is available on the right side bottom of the internet explorer screen. Set the zoom level to 100%.

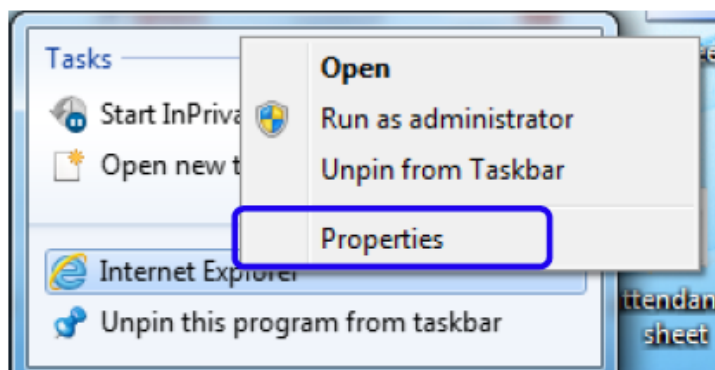
**Step5**

Go to Tools- Compatibility View Settings and perform the setting and add “OILINDIA.IN” below.

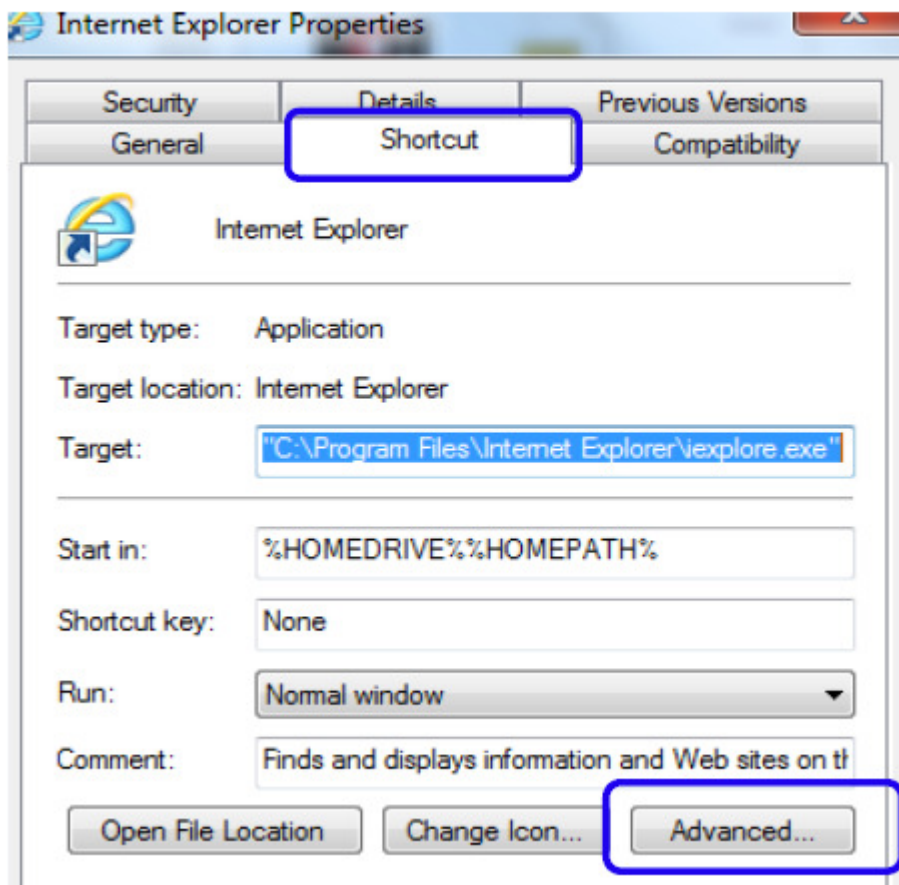


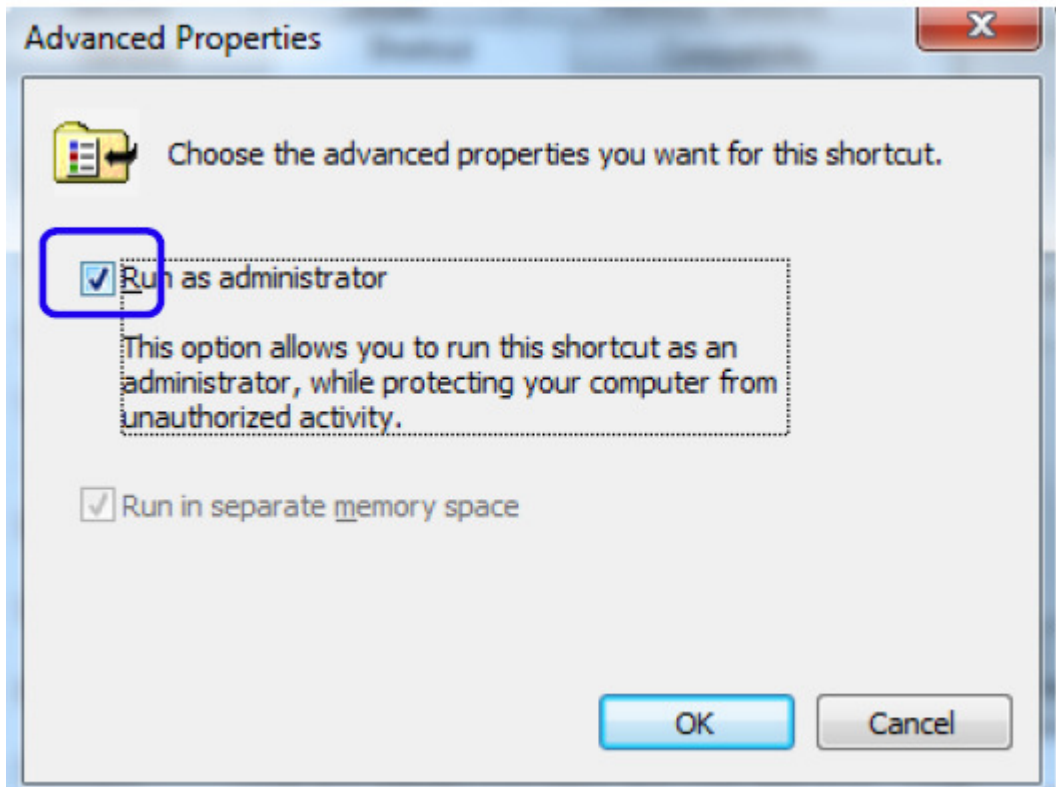
## **INTERNET EXPLORER Run in administrator mode**

Set the browser to run in administrator mode as per the steps given below. - Go to properties of Internet explorer by right clicking the Internet explorer icon



Click Advanced button from the shortcut tab as shown below





**Java Requirement:** Bidders are requested use only 32 Bit Java. Bidders may use any version Upto JAVA 1.8 updated 112. After downloading the Java components make sure that you start your internet browser again. Please ensure that your computer does not have multiple versions of Java

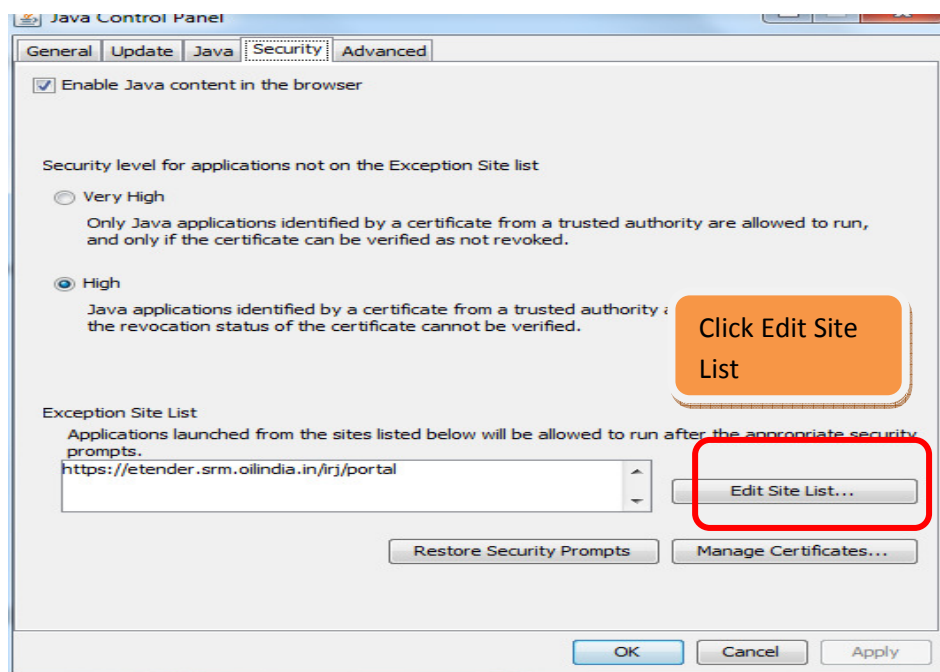
## **NOTE:**

**And after installation make some settings as under:**

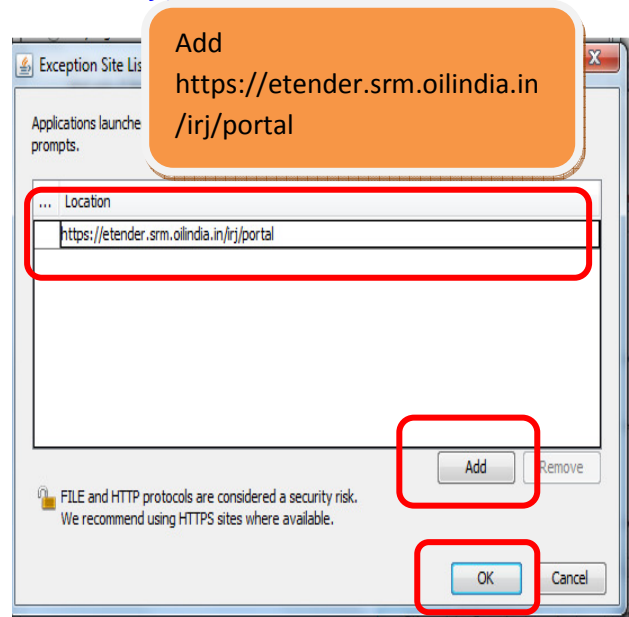
- 1) Go to Start->Control panel**
- 2) Java->Security**
- 3) Security level-> Medium**



Click 'Edit Site List' button under 'Exception Site List'



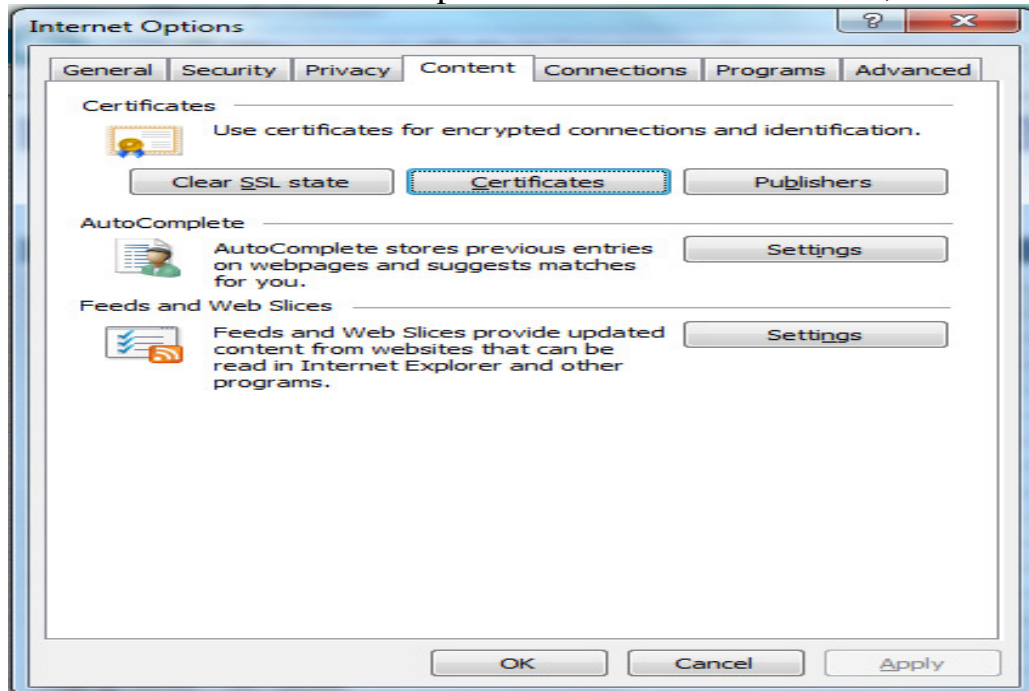
Click 'Add' button > Enter <https://etender.srm.oilindia.in/irj/portal> under 'Location' > Click **OK** to save the location



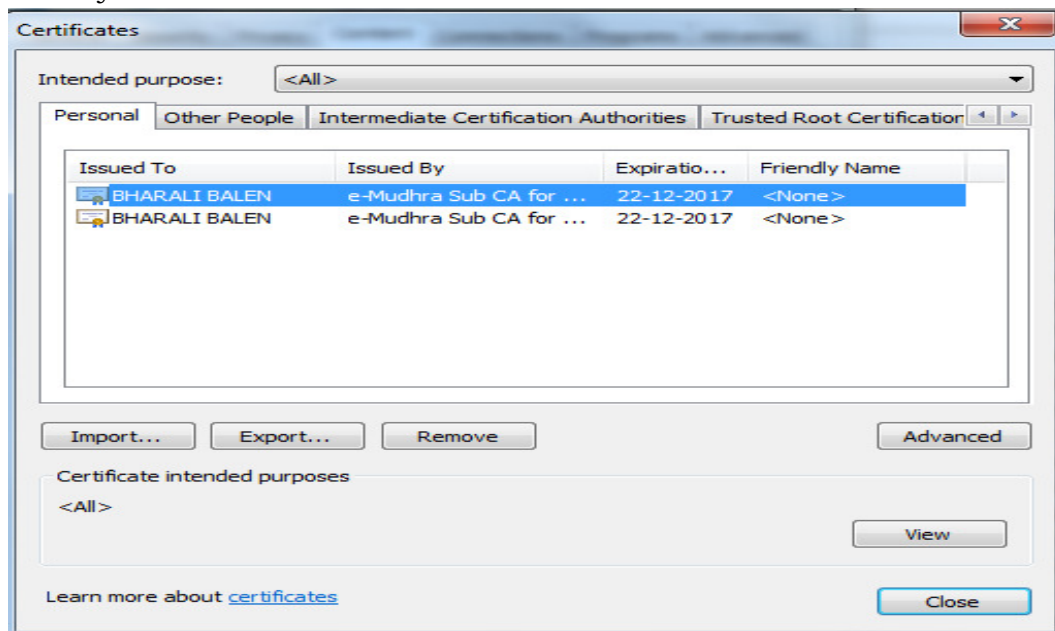
## INSTALLATION OF DIGITAL SIGNATURE E-TOKEN

Install the driver signature e-token in consultation with the vendor from where the digital signature certificate is purchased. After installation , attach the e-token in your system USB port. Check to ensure that the digital signature & Encryption certificate is installed properly:

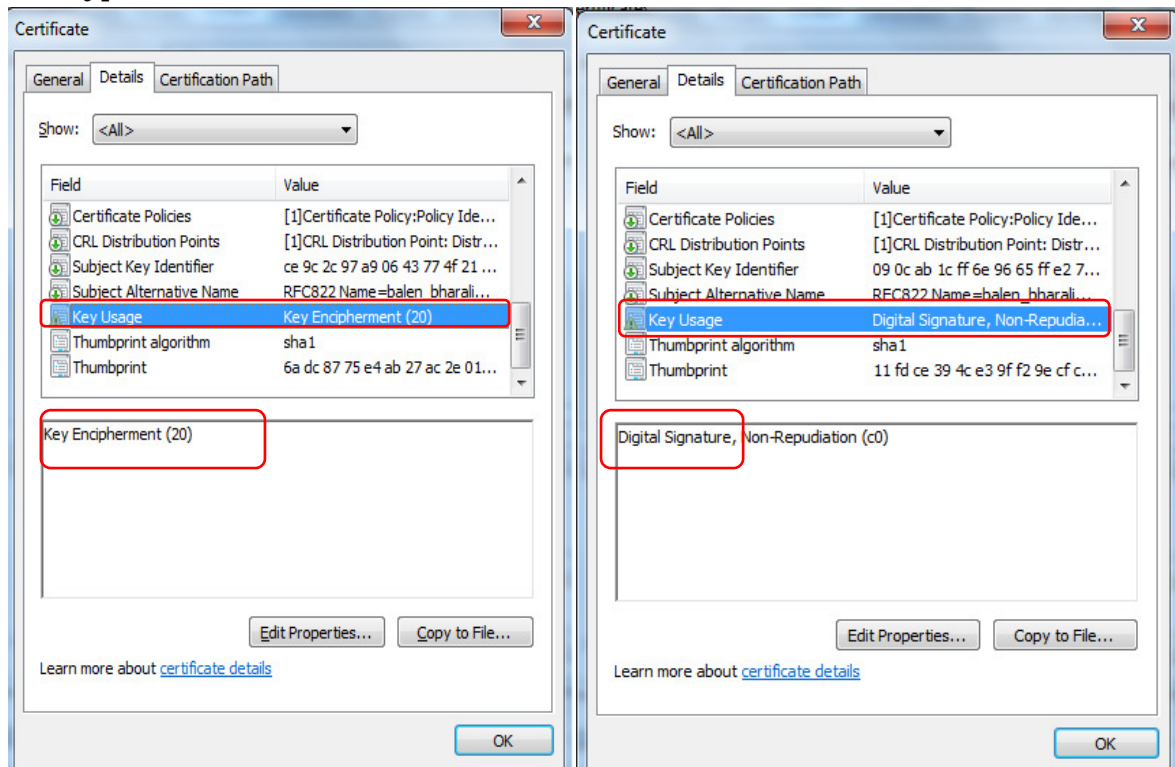
1. Go to tools ->internet options->contents->certificates, click on certificate.



2. After clicking the certificate , the installed certificate details will be appeared . Check Validity of the certificates.



3. Select the certificate and click view . Certificate details will be appeared . Go to details > Check “Key Usage”. The certificate must contain one “Signature Certificate” and one “Encryption Certificate”





In case of any clarification pertaining to e-procurement process, the vendor may contact the following

ERP DEPARTMENT

OIL INDIA LIMITED

PO:DULIAJAN

PIN:786602

Email:erp\_mm@oilindia.in

Contact: (0374) 280-7178/7171/7192 /4903

- A. OIL INDIA LIMITED (OIL) has upgraded its E-tender Portal. As part of the new system, the intending bidder must have Encryption Certificate along with Digital Signature Certificate (DSC) of Class III [Organization]. The date for implementation of new system is 12<sup>th</sup> April 2017 and the requirement of the new DSC will be applicable for the tenders floated on 12<sup>th</sup> April 2017 onwards. All our current and prospective esteemed bidders are therefore requested to acquire Class III DSC [Organization] along with Encryption Certificate issued by any of the Licensed Certifying Authorities (CA) operating under Controller of Certifying Authorities (CCA) of India as per Indian IT Act 2000. Guideline for getting Digital Signature and other related informations are available on the e-tender website [www.oil-india.com](http://www.oil-india.com) .
- B. Bidders are requested to go through “New Vendor Manual” effective date:12.04.2017 before submitting offer in system.
- C. Bidders are requested to go for “Guidelines to Bidders for participating in OIL” before submitting offer in system.

## Upload Technical Bid / Price Bid.

1.

Response - Oil India Ltd - SRM QAS Portal - Internet Explorer

http://srmqas.oilindia.in:50100/irj/porta

Response

Display RFX Response:

Edit Print Preview Check

RFX Response Number 60005572 RFX Number Status Saved Submission Deadline Opening Date 11.04.2017 00:00:00 India Remaining time 0 Days 14:02:00 RFX Owner BHARALI

Total Value XXXXX INR RFX Response Version Number Active Version

RFX Information Items Notes and Attachments Conditions Summary Tracking

Basic Data Questions Technical Attachments

Event Parameters

Currency: Indian Rupee

Detailed Price Information: Price with Conditions

Terms of Payment: OTH Others (Please specify under attributes)

Service and Delivery

Incoterm: FOB SINGAPORE

Area for uploading "Priced Bid" if the detailed price information is "No Price"

Area for uploading "Priced Bid" if the detailed price information is "Price with Condition"

Area for uploading "Techno-commercial Unpriced Bid"

Please do not upload price under "Technical Attachment"

▼ Partners and Delivery Information

Details Send E-Mail Call Clear

Function	Number	Name
The table does not contain any data		

Filter Settings

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

Response - Oil India Ltd - SRM QAS Portal - Internet Explorer

http://srmqas.oilindia.in:50100/irj/portal?NavigationTarget=navurl%3A%2F%2F3a2821f4-dff7-2a5000h54ff54h07d077RidennDRTFuent-CRNFuentR/RTTechnicalName=qte&BOSystemAlias=SAP\_SRM&Operation=displayresponse&isOBN=true&APPLID=SA

Response

**Display RFX Response:**

[Edit](#) [Print Preview](#) [Check](#) [Technical RFX Response](#) [Close](#) [Verify Signature](#) [Sign Response](#) [Refresh Smartform](#) [Decrypt Data](#) [System Information](#) [Create Memory Snapshot](#)

RFX Response Number 60005572 RFX Number 951 Status Saved Submission Deadline 11.04.2017 00:00:00 INDIA Opening Date 11.04.2017 00:00:00 INDIA Remaining Time 0 Days 14:02:03 RFX Owner BHARALI

Total Value XXXXX INR RFX Response Version Number Active Version RFX Version Number 1

**RFX Information** **Items** **Notes and Attachments** **Conditions** **Summary** **Tracking**

**Basic Data** **Questions** **Technical Attachments**

**Notes**

Clear [Filter](#) [Settings](#)

Category	Description
<a href="#">Conditions of Participation</a>	-Empty-
<a href="#">Bid Invitation/Auction Text</a>	-Empty-
<a href="#">Bidder's Remarks</a>	-Empty-
<a href="#">Purchaser's Remarks</a>	-Empty-

**Attachments**

**cFolder Attachments**

Add Attachment Delete Verify Signature [Filter](#) [Settings](#)

cFolder Name	Category	Description	File Name	Version	Processor	Checked Out	Type	Size (KB)	Changed by	Changed on
The table does not contain any data										

**Area for uploading Priced Bid\*\***

**Area for uploading TechnoCommercial Unpriced Bid\***

**\*The “Techno-Commercial Unpriced Bid” shall contain all technocommercial details except the prices.**

**\*\* Please follow the instructions as per Vendor User Manual for Uploading Price under “Notes and Attachment” or “Condition”**

**PROFORMA- I**

## ***AUTHORISATION FOR ATTENDING BID OPENING***

Date : \_\_\_\_\_

TO

Chief Manager (M&C),  
Oil India Limited, Rajasthan Project,  
02-A, District Shopping Centre,  
Saraswati Nagar, Basni,  
Jodhpur-342005,  
Rajasthan, India

Sir,

**Sub: OIL's e-Tender No. SJ15209P18**

We authorise Mr. /Ms. \_\_\_\_\_ (Name and address) to be present at the time of opening of the above Tender due on \_\_\_\_\_ on our behalf.

Yours Faithfully,

**Authorised Person's Signature:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

### Seal of the Bidder:

**Note:** This letter of authority shall be on printed letter head of the Bidder and shall be signed by a person who signs the bid.

&&&&&&&&&&&