

OIL INDIA LIMITED
 (A Government of India Enterprise)
 P.O. Duliajan-786602, Assam, India
 E-mail: material@oilindia.in

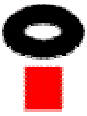
INVITATION FOR BID. LOCAL COMPETITIVE BID

OIL INDIA LIMITED invites Local Competitive Bid (LCB) through its e-procurement portal <https://etender.srm.oilindia.in/irj/portal> for the following items:

E-Tender No	Bid Closing/Opening Date	Item Description
SDI8417P16 Dtd. 31.08.2015 (Single Stage Two Bid System)	19.10.2015	CCTV SURVEILLANCE SYSTEM

Tender fee (Non-refundable): Rs 1,000.00; Bid Closing/Opening Time: **(11 Hrs.) IST/(14 Hrs.) IST**; Period of sale of documents: **Till one week prior to bid closing date**. The complete bid documents and details for purchasing bid documents, participation in E-tenders are available on OIL's e-procurement portal <https://etender.srm.oilindia.in/irj/portal> as well as OIL's website www.oil-india.com.

NOTE: All addenda, Corrigenda, time extension etc. to the tenders will be hosted on above website and e-portal only and no separate notification shall be issued in the press. Bidders should regularly visit above website and e-portal to keep themselves updated.



OIL INDIA LIMITED
(A Government of India Enterprises)
PO : Duliajan – 786602
Assam (India)

TELEPHONE NO. (91-374) 2808719

FAX NO: (91-374) 2800533

Email: tuhin_roy@oilindia.in ; erp_mm@oilindia.in

FORWARDING LETTER

Tender No. : SDI8417P16 Dtd 31.08.15

Tender Fee : Rs 1,000.00

Bid Security Amount : Applicable

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Bid Closing on : As mentioned in the e-portal

Bid Opening on : -do-

Performance Security : Applicable

Integrity Pact : Applicable

OIL invites Bids for **CCTV Surveillance System for LPG** through its e-Procurement site under **SINGLE STAGE TWO BID SYSTEM**. The bidding documents and other terms and conditions are available at Booklet No. MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders. The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area - > Tender Documents

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

The tender will be governed by:

- a) “General Terms & Conditions” for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders.
- b) Technical specifications and Quantity as per **Annexure – 1A**.
- c) The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area - > Tender Documents.
- d) In the event of receipt of only a single offer against the tender within B.C. date, OIL reserves the right to extend the B.C. date as deemed fit by the Company. During the extended period, the bidders who have already submitted the bids on or before the original B.C. date, shall not be permitted to revise their quotation.
- e) All corrigenda, addenda, amendments, time extension, clarifications etc. To the tender will be hoisted on OIL’s website (www.oil-india.com) and in the e-portal (<https://etenders.srm.oilindia.in/irj/portal>) only and no separate notification shall be issued

in the press. Prospective bidders are requested to regularly visit the website and e-portal to keep themselves updated.

- f) 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).
- g) Bidder are advised to fill up the Technical bid check list (**Annexure EEE**) and Response sheet (**Annexure FFF**) given in MS excel format in Technical RFx -> External Area -> Tender Documents. The above filled up document to be uploaded in the **Technical RFX** Response.

Special Note:

1.0 General Qualification Criteria:

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

Criteria	Complied / Not Complied.
Annual financial turnover of the firm in any of the last 3 financial years or current financial year should not be less than Rs 97.74 Lakhs.	Documentary evidence submitted / not submitted

Note: For Annual financial turnover enclose the audited Annual Reports or balance sheet certified by a chartered accountant.

2.0 Vendors having OIL's User ID & password shall purchase bid documents on-line through OIL's electronic Payment Gateway.

Vendors who do not have OIL's User ID & password shall obtain User ID & password through online vendor registration system in e-portal and can subsequently purchase bid documents through OIL's electronic Payment Gateway.

Alternatively application showing full address/email address with Tender Fee (Non-refundable) of Rs. 1,000.00 in favour of M/s Oil India Limited and payable at Duliajan is to be sent to Head-Materials, Oil India Limited, P.O. Duliajan, Assam-786602. Application shall be accepted only upto one week prior to B.C date (or as amended in e-portal). The envelope containing the application for participation should clearly indicate "REQUEST FOR ISSUE OF USER ID AND PASSWORD FOR E TENDER NO ...". for easy identification and timely issue of user ID and password. On receipt of requisite tender fee, USER_ID and initial PASSWORD will be communicated to the bidder (through e-mail) and will be allowed to participate in the tender through OIL's e- Procurement portal. No physical tender documents will be provided. Details of NIT can be viewed using "Guest Login" provided in the e-Procurement portal. The link to e-Procurement portal has been also provided through OIL's web site www.oil-india.com.

NOTE:

a) Tender Fee may also be paid online upto one week prior to the bid closing date (or as amended in e-portal).

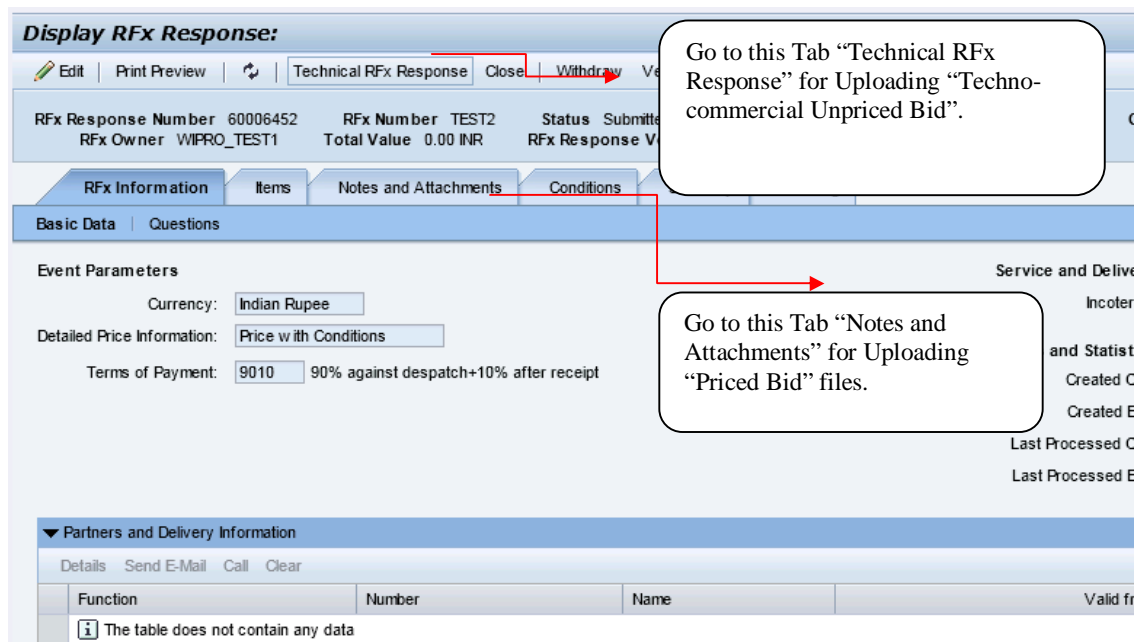
b) PSUs and MSE units are provided tender documents Free of Cost (as per govt guidelines), however they have to apply to OIL's designated office to issue the tender documents before the last date of sale of tender document mentioned in the tender.

3.0 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.

3.1 Please ensure that Technical Bid / all technical related documents related to the tender are uploaded in the Technical RFX Response-> User - > Technical Bid 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.

3.2 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 “Conditions Tab”. Details of prices as per Bid format / Commercial bid can be uploaded as Attachment under the attachment option under “Notes & Attachments”.

3.3 A screen shot in this regard is given below. Offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in Annexure-CCC.



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:

Bid on “EDIT” Mode

Note :

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

** The “Price bid” must contain the price schedule and the bidder’s commercial terms and conditions. For uploading Price Bid, first click on Sign Attachment, a browser window will open, select the file from the PC and click on Sign to sign the Sign. On Signing a new file with extension .SSIG will be created. Close that window. Next click on Add Attachment, a browser window will open, select the .SSIG signed file from the PC and name the file under Description, Assigned to General Data and click on OK to save the File.

4.0 Please note that all tender forms and supporting documents are to be submitted through OIL’s e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribed with **Tender no.** and **Due date** to **Head Materials, Materials Department, Oil India Limited, Duliajan - 786602, Assam** on or before the Bid Closing Date and Time mentioned in the Tender.

- a) **Original Bid Security**
- b) **Detailed Catalogue (if any)**
- c) **Any other document required to be submitted in original as per tender requirement**

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

5.0 Benefits to Micro & Small Enterprises (MSEs) as per prevailing Govt guidelines as applicable on B.C date shall be given. MSEs who are interested in availing the benefits will upload with their offer proof of their being MSE registered for the item tendered. The MSE are also required to upload scanned copies of relevant documents indicating details of registration alongwith validity, name of the registering organization and details of the item, ownership etc., failing which, their offer may not be liable for consideration of benefits to MSEs.

6.0 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.

- 7.0 Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before the bid closing date and time failing which the offer shall be rejected.
- 8.0 Bid must be submitted electronically only through OIL's e-procurement portal. Bid submitted in any other form will be rejected.
- 9.0 **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.
- 10.0 a) **The Integrity Pact is applicable against this tender. Therefore, please submit the Integrity Pact document duly signed along with your quotation as per BRC. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure DDD of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be submitted by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway".**
- b) **The name of the OIL's Independent External Monitors at present are as under:**
- SHRI RAGHAW SHARAN PANDEY, IAS (Retd.),**
Former Secretary, MOP & NG,
e-Mail ID : rspandey_99@yahoo.com
- SHRI RAJIV MATHUR, IPS (Retd.)**
Former Director, IB, Govt. of India,
e-Mail ID : rajivmathur23@gmail.com
- 11.0 The tender shall be governed by the Bid Rejection & Bid Evaluation Criteria given in enclosed **Annexure-CCC**. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (as per **Annexure-CCC**) contradict the Clauses of the tender and / or "General Terms & Conditions" as per Booklet No. MM/LOCAL/E-01/2005 for E-procurement (LCB Tenders) elsewhere, those in the BEC / BRC shall prevail.
- 12.0 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.
- 13.0 Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.
- 14.0 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.

NOTE:

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

Yours Faithfully

**Sd-
(T. ROY)
DEPUTY MANAGER MATERIALS (IP)
FOR : HEAD-MATERIALS**

Tender No & Date: SDI8417P16 Dtd 31.08.15

BID REJECTION CRITERIA (BRC) / BID EVALUATION CRITERIA (BEC)

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

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

<u>Criteria</u>	Complied / Not Complied. (Remarks if any)
<p>1.0 BID REJECTION CRITERIA (BRC):</p> <p>The bid shall conform generally to the terms and conditions given in this document. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected.</p> <p>A) TECHNICAL:</p> <p>1. Bidder’s Experience:</p> <p>a) The bidder must have experience of implementing at least one similar* CCTV Surveillance System in other PSUs/ Govt. organizations/ public limited companies during the last seven years from the bid closing date.</p> <p>The word Similar is defined as: Supply, Installation and Commissioning of CCTV Surveillance System consisting of minimum 2 (Two) PTZ Cameras in an outdoor and hazardous environment for live viewing and recording.</p> <p>b) The implementation should have had a minimum of 2 surveillance cameras.</p> <p>c) The project should be of minimum Rs. 29.32 Lakhs value.</p> <p>d) The bidders must submit copy of Purchase Order along with the bid to substantiate the same. Bidders not conforming to/ quoting against "Bidders Experience" and/ or not providing documentary evidence shall be rejected.</p> <p>2. The bidder must quote for fiber optic cable laying. Bids for a non-OFC implementation will be rejected.</p>	

3. All items must be supplied by single vendor. Bids not quoting for all items in the NIT will be rejected.

B) COMMERCIAL:

i) Validity of the bid shall be minimum 120 days from the Bid Closing Date.

ii) Bid security:

The bid must be accompanied by Bid Security of **Rs 98,000.00** in OIL's prescribed format as Bank Guarantee or a Bank Draft/Cashier cheque in favour of OIL. The Bid Security may be submitted manually in sealed envelope superscribed with Tender no. and Bid Closing date to Head Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before the Bid Closing Date and Time mentioned in the Tender. **The Bank Guarantee towards Bid Security shall be valid for 10 months from Bid closing date. (i.e. upto 19.08.16).**

Bid Security may also be paid online on or before the Bid Closing Date and Time mentioned in the Tender.

If bid security in ORIGINAL of above mentioned Amount and Validity is not received or paid online within bid closing date and time, the bid submitted through electronic form will be rejected without any further consideration.

For exemption for submission of Bid Security, please refer Clause No. 8.8 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders.

The format of Bank Guarantee towards Bid Security (Annexure – VII) has been amended to Annexure – VII (Revised) and bidders should submit Bank Guarantee towards Bid Security as per Annexure – VII (Revised) only.

In case of extension of Bid Closing date against the tender where a bidder has already submitted his bid with requisite bid security validity within the original B.C. Date, such bidders will extend validity of bid security covering the extended period of the bid closing date.

iii) 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. For details of submission procedure, please refer relevant para of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders. Any offer not complying with the above shall be rejected straightway.

iv) Performance Security:

a) 1st Performance Security @ 10% of total value of the materials + Installation & commissioning + Warranty of 3 years shall be submitted after receipt of order. The Performance Security shall be valid for entire period of warranty of 3 years from the date of commissioning.

b) 2nd Performance Security @ 10% of AMC value shall be submitted before expiry of 1st Performance Security. The Performance Security shall be valid for entire period of AMC of 3 years.

Bidder must confirm the same in their bid. Offers not complying with this clause will be rejected.

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

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

vi) The prices offered will have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.

vii) Bids received after the bid closing date and time will be rejected. Similarly, modifications to bids received after the bid closing date & time will not be considered.

viii) All the Bids must be Digitally Signed using “Class 3” digital certificate with Organisation’s name (*e-commerce application*) as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than “Class 3 with Organisation’s Name” digital certificate, will be rejected.

ix) Technical RFx Response folder is meant for Technical bid only. Therefore, No price should be given in Technical RFx Response folder, otherwise the offer will be rejected.

x) Price should be maintained in the “online price schedule” only. The price submitted other than the “online price schedule” shall not be considered.

xi). Integrity Pact :

OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure DDD of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL’s competent signatory. The proforma has to be submitted by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital

signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway".

xii). A bid shall be rejected straightway if it does not conform to any one of the following clauses:

(a) Validity of bid shorter than the validity indicated in the Tender.

(b) Original Bid Security not received within the stipulated date & time mentioned in the Tender.

(c) Bid Security with (i) Validity shorter than the validity indicated in Tender and/or (ii) Bid Security amount lesser than the amount indicated in the Tender.

(d) In case the Party refuses to sign Integrity Pact.

(e) Average Annual Turnover of a bidder lower than the average Annual turnover mentioned in the Tender.

2.0 BID EVALUATION CRITERIA (BEC)

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

A) TECHNICAL:

1. The total quoted cost of equipment, installation and commissioning, training, Warranty of 3 years and Annual Maintenance contract (3 years) costs will be considered for evaluation of technically acceptable bids.

2. The cost of fiber optic cable laying (1500 meter) will be considered for bid evaluation. However, the payment against this item will be made on actual.

B) COMMERCIAL:

i). To evaluate the inter-se-ranking of the offers, Assam Entry Tax on purchase value will be loaded as per prevailing Govt. of Assam guidelines as applicable on bid closing date. Bidders may check this with the appropriate authority while submitting their offer.

ii) 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".

iii). 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.

NOTE:

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

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Tender No & Date: SDI8417P16 Dtd 31.08.15

	Complied / Not Complied. (Remarks if any)
<p>Oil India Limited (OIL) is a premier Indian National Oil company under the administrative control of Ministry of Petroleum and Natural Gas, Govt. of India, engaged in the business of exploration, development and production of crude oil and natural gas, transportation of crude oil and production of LPG intends to implement IP based Surveillance System at LPG Recovery and LPG Filling Plant located at industrial area of Oil India Limited, Duliajan.</p>	
<p>During submission of bids, bidders other than OEM shall submit authorization letter from OEM to quote against the tender for the following items:</p> <ul style="list-style-type: none">a. PTZ day Night HD IP Camera explosion proof camerab. NVRc. Layer-3, Managed 24 port Gigabit Ethernet Switch having all 24 SFP portsd. 5 KVA UPS	
<p>1.0 Scope of Work</p> <p>1.1 Scope of work encompasses Supply, Installation, Testing, Commissioning of IP based Surveillance System at LPG Recovery and LPG Filling Plant located at industrial area of Oil India Limited, Duliajan. The solution should provide full proof recording for later review. The scope of work includes Supply, Installation, Testing and Commissioning of necessary Cameras, Recording System (NVR i.e. Network Video Recorder);Client Workstations, Indoor Network Switches, Outdoor Network Switches (Industrial grade), LED Monitors, UPS, UTP Cables, OFC, Power Cables, Poles etc. It also includes laying of cabling, fabrication and erection of Poles, Cable Trays etc. at the said locations. The technical specifications for hardware is as attached.</p> <p>1.2 The CCTV system is to be independent CCTV Surveillance System with separate OFC Cabling, PTZ type IP Cameras, Network Switches, Recording System and Client Workstations etc. for monitoring.</p> <p>1.3 A total of 9 (Nine) Nos. of CCTV Cameras, 4 (Four) Nos. of Client Workstations and 1 (One) Nos. of Recording Systems are to be installed at the locations as mentioned above, for the effective surveillance and monitoring with provision of suitable alarm to provide warning in case of deviation from normal situation considering security, safety and operations point of view in to account.</p> <p>1.4 All the cameras are to be installed for outdoor application. For operational areas the cameras has to be Integrated (i.e. Camera and housing of same Make) PTZ IP camera with explosion proof housing in the respective locations.</p> <p>1.5 The offered software shall have in built capability / provision and shall be licensed to support minimum 16 (Sixteen) cameras.</p> <p>1.6 While designing the mounting system for cameras the bidder has to consider local weather conditions, wind velocity and other factors in order to provide vibration and</p>	

waving free sturdy camera support including pole stability.

1.7 The exact locations of cameras shall be finalized by successful bidder in consultation with M/s OIL for efficient surveillance of the designated area.

1.8 The quantities of materials as indicated in BOM (Bill of Material) are estimated. However any additional quantities of any item or any additional item required for complete execution of the job is in bidder's scope. The bidders are advised in their own interest to carry out Field Survey at their own cost before submission of bids. During the field Survey, the bidders should get apprised themselves of the entire scope of work, layout drawing and quote the items accordingly. Bidder shall be responsible for any shortfall of any items for execution of the job without any additional cost to M/s OIL.

1.9 The minimum technical specifications for major equipment are included in the bid document. Bidder's scope shall include supply of materials as per these specifications or better. However any other hardware required for completion of the system are to be provided by the bidder along with complete specifications of all items.

1.10 The PTZ IP cameras shall be of Explosion proof approved for Hazardous area as per specifications. The copy of supporting document / certificates from approved agencies (CCOE /PESO/ ATEX) in this regard should be submitted along with techno commercial bid.

1.11 The successful bidder shall carry out detail engineering and submit all relevant documents such as schematics, cable schedules, networking and equipment details etc. for approval before installation.

1.12 The entire system installed will be under warranty for minimum 3 (Three) years from the date of successful installation & commissioning of the project.

1.13 The scope also includes imparting training to M/s OIL personnel after commissioning of the system.

1.14 Job awarded is to be executed under the supervision of M/s OIL Engineer as per standard engineering practice.

1.15 Any other activity / job which may not be specifically mentioned in the scope of work, but required for successful completion of the work shall be part of the bidder's scope without any extra cost to M/s OIL.

1.16 The successful bidder is required to submit Testing & Commissioning Report duly certified jointly by M/s OIL and bidder after Supply, Installation, and Commissioning work is completed.

1.17 Bidder has to arrange his own transportation of his personnel and materials for each location during execution of work, warranty period and same is in the scope of bidder.

2.0 Detailed Scope of Work

2.1 Main Objectives of the System:

With the installation of CCTV system, M/s OIL intends to achieve the following objectives:

2.1 (a) To enable 24 hours day and night surveillance & monitoring of the designated area i.e. LPG Recovery Plant and LPG Filling Plant.

2.1 (b) To monitor personal, vehicular movements and events at the premises and operational area of the locations.

2.1 (c) To monitor and control the CCTV system from the Control Room of respective location with provision of suitable alarm to provide warning in case of deviation from normal situation considering security, safety and operations point of view taken in to

account as defined under Scope of Work.

2.1 (d) To enable live, real time viewing of all / selected cameras from respective Control Room of the location and continuous recording of all or selected cameras in recording system of respective locations.

2.1 (e) Backup provisions to be provided for easy system restoration in case of any system crash etc.

2.1 (f) All Cameras must support persistent connections to Video Receivers including video and PTZ media streams. In the event of a temporary network failure or power loss the persistent connection must automatically be re-established with no manual intervention required.

2.2 Expandability:

There shall exist the possibility of expanding the configuration of the system by integrating a new Camera or Monitor into the system. The offered software shall have in built capability / provision and shall be licensed to support minimum 16 cameras.

2.3 Pre Installation Survey:

The successful bidder shall carry out pre-installation survey of the site to understand the various camera / control / monitoring locations at respective sites and for :

2.3 (a) Examination of all camera locations, and finalization of poles, mounting arrangements required for fitting of cameras, junction boxes, cabling and other interfacing hardware etc.

2.3 (b) Planning and designing of mounting arrangement of associated site equipment viz Media Converters, LIUs, Network Switches, Recording System, Power Supply /Adaptor, Termination Boxes, Explosion proof Junction box etc.

2.3 (c) Finalization of Cable routing to be carried as per procedures specified at "Cable Laying".

2.3 (d) Study of control room for installation of recording system, client workstations, and other network hardware and for cable routing.

2.3 (e) Finalization of system design, hookup diagrams (pre installation), mounting / installation arrangement for camera / client workstations, equipment details and submission to M/s OIL for approval.

2.4 Environmental Specifications:

2.4(a) All Computer Systems of the CCTV Surveillance system to be located in the Control Rooms shall be designed for operation, storage and transportation under the minimum environmental limits given below: (unless otherwise specified)

Environmental	Operating	Storage
Temperature	0° to 50° C	0° to 60° C
Relative Humidity (non- condensing)	20% to 80%	10% to 90%

2.4 (b) All equipments / components of the CCTV Surveillance System such as Cameras, Network switches, Power Supplies (DC#DC Converters/ DC#AC Converters / AC#DC Converters, as applicable), other Networking / OFC hardware & accessories to be located in field shall be designed for operation, storage and transportation under the minimum environmental limits given below: (unless otherwise specified)

Environmental Temperature	Operating 0° to 50° C	Storage 0° to 60° C
Relative Humidity (non- condensing)	20% to 90%	10% to 90%

2.5 Software Licenses:

2.5 (a) All software to be supplied shall have minimum 16 (Sixteen) camera licenses and minimum 4 (Four) client workstation licenses. The license documents shall accompany the software at the time of supply of the same.

2.5 (b) Software in suitable media along with Original license from OEM to be supplied along with all passwords set at factory level for configuration changes.

2.6 Obtaining Approvals & Clearances:

It shall be the responsibility of the successful bidder to obtain prior approval of all installation drawings, design documents, based on site survey and detail engineering before taking-up individual activity / activities.

2.7 Supply of Material & Services:

The supply of material & services to be provided should be as per bill of materials. Any other material /service item not mentioned therein but required for satisfactory completion of the work, will have to be supplied & provided by the bidder without any extra cost to M/s OIL.

2.8 Electrical Power:

2.8 (a) All the systems / sub-systems should preferably work on A.C. mains power supply 230V, 50 Hz.

2.8 (b) M/s OIL will provide 230 Volts, 50 Hz, single phase power centrally at one location. The bidder has to use and carry this power to all the points of power requirement, taking into consideration all safety, isolation and operational factors into account.

2.8 (c) Suitable explosion proof junction boxes for outdoor use and MCBs are to be provided by the bidder for carrying power from CCTV control rooms to the point of use. The supply of suitable power converters / DC adaptors, if any, arising on account of any DC powered equipment being offered by the bidder or otherwise, is in the scope of the bidder.

2.8 (d) The power cables to be laid from control rooms to the camera locations have been indicated in the bill of material. The exact quantities of these cables as well as the quantities of accessories required for installation viz. various power junction / distribution boxes, MCBs, isolators etc. will have to be estimated by the bidder through a detailed site survey. Additional quantity required, if any, is in the scope of the bidder at no extra cost to M/s OIL.

2.8 (e) In addition to the above, all electrical wiring to be carried out inside the junction boxes, equipment racks and at Client Workstation / Recording system / Network switch locations for hooking up all the equipment being supplied, is in the scope of the bidder.

2.9 Network Infrastructure:

2.9 (a) It shall be bidder's responsibility to supply required fiber components / accessories like SFP modules, Connectors, Pig tails, Patch chords, POEs, Termination boxes, LIUs,

Media converters etc. at the site for successful completion of job without any extra cost to M/s OIL.

2.9 (b) Outdoor Network Switches, Termination boxes, LIUs, POEs, any DC power supply / adaptor etc. required shall be installed in explosion proof junction boxes. Bidder may ascertain the dimensions of these enclosures through site survey.

2.9 (c) Installation & Commissioning of indoor network switches shall be installed in equipment racks at CCTV control room is in the scope of work. Termination & interfacing of fiber cables with the switch and structured CAT6 UTP cabling from the switch location to recording system, client workstations & cameras are also part of the scope of work.

2.10 Cable Laying (Fiber / Power / Ethernet):

2.10 (a) The cable distribution system shall be buried or in conduit or any combination thereof.

2.10 (b) Laying underground Cables shall be laid in the underground portion in a trench of ½ meter wide by 0.8 meter deep, over a bed of 5 cms river sand and covered with half-round RCC caps or bricks as per standard cable laying procedure. Wherever the underground cable is laid, route marker shall be provided along straight runs of the cables at interval not exceeding 50 meters. Markers shall also be provided to identify change in the direction of the cable route. Cable route markers shall be of approximate size 3 feet height, made of 1.5 mm thick metallic plate embossed with "FO cable" to be mounted on L-type channel. Cables are required to be laid through minimum 50 mm diameter GI pipe on road / bridge / canal crossings.

2.10 (c) During execution of work any damage done to M/s OIL property / equipments / cables should be restored to its original condition at bidder's cost.

2.10 (d) Laying above ground : Cables shall be laid on cable tray and are to be fastened with cable ties. Markers are to be fixed on the cable with labels for easy identifications.

2.10 (e) Laying inside building locations : Cables are required to be laid through conduit wherever it has to be terminated inside the buildings / indoor locations.

2.10 (f) Termination : All fiber cores of the optical fiber cables shall be terminated in LIU at both ends using pre-fabricated pigtail splicing, done using fusion splicing through machine.

2.10 (g) Interfacing : Pre-fabricated fiber patch cords shall be used for interfacing the devices like network switch to the LIU. It shall be bidder's responsibility to accordingly supply required fiber components like modules / connectors / pig tails / patch chords at each location to successfully interface the fiber segment available / laid at respective location.

2.10 (h) LIUs for termination of OFC for indoor network switches, and LIUs or Termination boxes for outdoor network switches are in the scope of the bidder.

2.11 Construction of New Poles:

2.11 (a) Supply, erection of new poles including necessary civil works, supports, Installation of Junction Boxes etc. is in the scope of the bidder.

2.11 (b) Total 9 (Nine) nos. of 7 (Seven) meters Poles are to be supplied and erected for installation of CCTV Cameras.

2.11 (c) 7 (Seven) meters height of the poles shall be from the top of its RCC base platform.

2.11 (d) Each of these poles are to be provided with a step ladder for installation of

<p>cameras and the same ladder is to be used later for maintaining the camera/s along with the site equipment installed for its operation.</p> <p>2.11 (e) All the poles shall be grounded properly, following the standard practice of earthing of such structures.</p> <p>2.12 Earthing: At all locations all AC powered equipments shall be grounded using new independent ground connection as per standard industry practices.</p>	
<p>3.0 Consolidated Bill of Material:</p> <p>The consolidated bill of material for the project to be executed is given below. The quantity of PTZ Cameras, Recording system, Client Workstations, LED monitors, UPSs, Equipment Racks, Poles as indicated in BOM are fixed. All other material etc. and their quantities mentioned therein are minimum only. Bidders may make their own assessment after site survey and detailed engineering for exact materials & quantities required for successful completion of the CCTV system as per scope of work and technical specifications. Bidders should consider all these factors and quote accordingly.</p>	
<p>4.0 Training:</p> <p>4.1 The bidder shall impart two independent training modules "User Training" & "System Administration & Maintenance Training" after the commissioning of the CCTV system. M/s OIL shall provide necessary infrastructure and facilities for the same.</p> <p>4.2 The user training shall be a formal comprehensive training program for two working day to be scheduled at site and shall be imparted to OIL personnel as per M/s OIL requirement. The scope of this training shall cover day-to-day operations, display configuration and first hand maintenance of system. The topics covered in this training are to be documented and one copy shall be provided to each of the participants.</p> <p>4.3 The System Administration & Maintenance Training shall be a formal training program for 4(Four) M/s OIL personnel for minimum period of three (3) days and shall be conducted at bidders work. The training shall cover configuration and system administration of individual components, system as a whole including video recording and management software, system use and operation, hardware / software familiarization, first line maintenance and trouble shooting ,comprehensive maintenance and back-up and archiving of recorded video data etc. The topics covered in this training are to be documented and one copy each of this shall be provided to each of the participants. Travelling, Lodging and accommodation cost of the participants will be borne by M/s OIL.</p>	
<p>5.0 Documentation and Drawings:</p> <p>The bidder shall furnish minimum 03 (Three) sets of hard copies as well as soft copies on CD / DVD for the entire system.</p> <p>5.1 Technical Manuals : These Manuals shall include all equipment's OEM's technical brochures in their original format, system block diagrams, hardware design, specifications, system functional descriptions, instruction manuals for installation and commissioning, outline dimensions, mounting details, weights & loads and power requirements. The manuals shall include, but not limited to bidders instruction manuals</p>	

<p>for the maintenance & trouble shooting the system, and overall system maintenance. These manual shall contain drawings pertaining to equipment's layout, assembly / disassembly, cable routing, and cable termination details in junction boxes at various locations with terminal tag numbers, instructions including preventive maintenance & troubleshooting procedures etc.</p> <p>5.2 Operation & Maintenance Manuals: These manuals shall be designed to serve both as tutorial and reference manuals. The manuals shall contain all necessary information to completely operate, maintain and basic trouble shooting of the CCTV system.</p>	
<p>6.0 Testing & Inspection of Equipments / Materials:</p> <p>6.1 The testing and inspection at Bidders Works: The testing and inspection of equipments/ materials shall be carried out at Manufacturer's/ OEM/ Bidder premises by M/s OIL before shipment of the same. Bidder has to give inspection call at least 15 days advance.</p> <p>6.2 Physical Inspection of Material at Site: M/s OIL shall physically verify the correct inventory of hardware and software installed at site and its physical condition.</p> <p>6.3 72 Hours Commissioning and Acceptance Tests: 72 hours continuous run of the complete systems, covering all the sub-systems, shall be performed by the Bidder in the presence of M/s OIL representatives. During the test period the system should run without loss of any function, without any hardware or software/firmware failure. During this period, the actual operation is simulated and all functions are exercised to determine possible weaknesses. Major discrepancies / faulty and/or incorrect operation of major functions shall be the cause for the suspension or restarting of the entire test. The test shall be restarted all over again only after Bidder has repaired / replaced the sub-system and made successfully operational after the failure. Minor discrepancies noted shall be corrected and retested. The system shall be deemed to have passed the test if all the following conditions have been met during the test:</p> <ol style="list-style-type: none"> a) There is no unexplained software or component failure. b) There is no unexplained system shutdown or failure. c) There are no known uncorrected hardware or software problems or deficiencies. d) Failure to pass the tests will result in the Bidder rectifying the faults at his expense. e) On successful completion of this test, system shall be accepted and taken as commissioned. <p>6.4 Handing Over and Project Completion: On successful completion of 72 hours Commissioning and Acceptance Tests of the system the successful Bidder shall hand over the system to M/s OIL and system shall be taken over by M/s OIL for its normal operations and uses. The date of taking over the last and final system shall be treated as the commencement date of the system (Date of Commissioning) and three years warranty shall be commenced from this date.</p>	
<p>7.0 Technical Special Conditions:</p> <p>7.1 General</p> <p>7.1 (a) The job awarded to successful bidder (Supply, Installation and Commissioning) is to be completed in totality, by employing sufficient skilled and trained manpower.</p>	

<p>7.1 (b) The quantities of materials as indicated in BOM (Bill of Material) are estimated. However any additional quantities of any item or any additional item required for complete execution of the job is in bidder's scope without any extra cost to M/s OIL</p> <p>7.1 (c) The bidders are advised in their own interest to carry out Field Survey before submission of bids. During the field survey, the bidders should get apprised themselves of the entire scope of work and quote the items accordingly. Bidder shall be responsible for any shortfall of any items for execution of the job without any additional cost to M/s OIL.</p> <p>7.1 (d) Technical Bids will be evaluated on the basis of relevant Manufacturer's technical literature/ brochures/ details/ certifications/ catalogue provided in the bid. Bidders are therefore required to submit these documents as applicable in respect of the offered items as evidence, that offered items meet the tender specifications.</p> <p>7.1 (e) Bidders should mention make & model number of the items quoted and should enclose the detailed technical specifications.</p> <p>7.1 (f) The bidder has to take necessary work permit from the location before start of installation & commissioning job. In case of any condition which necessitates hot work to be done inside installation, then Hot Work Permit along with safety measures are to be taken before doing any hot job inside installation. M/s OIL shall arrange nominal working power in respective installations, subject to availability. Work permit system as per OISD-STD-105 shall be followed.</p> <p>7.1 (g) Bidder has to arrange transportation of his personnel and materials for Installation and commissioning.</p>	
<p>8 Terms of Payments:</p> <p>(a) 70% payment of the cost of the total materials shall be made after receipt and satisfactory inspection.</p> <p>(b) Balance payment of 30% of the cost of the materials and 100% payment for services shall be made after successful Installation, Integration, Testing, Commissioning and Acceptance of the entire CCTV system by M/s OIL.</p> <p>(c) Payment for Warranty charges (if any) and AMC shall be made after successful completion of each quarter.</p>	
<p>9 Documentation to be submitted by bidder in hardcopies and soft copies after commissioning of the systems.</p> <p>(a) Bill of materials along with Make and Model No.</p> <p>(b) Manufacturer's Technical Catalogues</p> <p>(c) Software licenses for Camera, Recording System, Client Workstations etc.</p> <p>(d) Operation & Maintenance Manual.</p> <p>(e) Network schematic and Wiring Diagram.</p> <p>(f) Warranty / Guarantee certificates</p> <p>(g) Manufacturers Test Certificates</p>	
TECHNICAL SPECIFICATIONS WITH QUANTITY	
<p><u>Item No 1. PTZ day Night HD IP Camera explosion proof camera: (Qty :9 No.)</u></p> <p>Technical specification of PTZ day Night HD(1080P) IP type explosion proof camera: Image Sensor : 1/2.8" CMOS Effective Pixels: 1920 x 1080 pixels</p>	

Video Output : PAL/NTSC
 PAN; TIL Angle: 0 - 360°; -90° ~ 90°
 Pan/Tilt Speed: 0.01° to 30°/sec variable-speed operation
 Scan Speed :0.01° and 30° /sec @ 20x optical zoom
 Preset Speed/Positions: 30°/sec ; 128
 Lens: Minimum 4.7 - 94mm vari-focal lens
 IR Distance: Infrared,75 m minimum (Bidder should provide inbuilt IR illuminator with camera ;external IR illuminator will be not considered)
 Min. Illumination : 0.1 Lux (Color); 0.005 Lux (B/W); 0 Lux (B/W, IR on)
 Frame Rate: Main stream: 1920x1080 @ 25/30fps;
 Video Compression : H.264 Main Profile and Motion JPEG simultaneously .
 Security :Password protection, IP address filtering, User access log
 Supported Protocols:
 TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP,
 NTP, PPPOE, SMTP, UPNP
 Alarm : Intelligent video motion detection and external input through Event server: FTP server, SMTP server, Web browser
 Interface :ONVIF
 Event Detection: Intelligent video motion detection and external input for 4 zones through Event server: FTP server, SMTP server, Web browser
 OS & Browser: IE 6.0 or above
 Construction: Stainless steel 316L
 Housing :Integrated Explosion Proof and of same Make as of Camera
 Built In Wiper on the lens: Required
 Built In Heater to Prevent Condensation: Required
 Operating Temperature : -40°C~60°C
 Weather proof : Standard IP 68
 Certificate: ATEX ;CCOE

Item No 2. 42" inch Colour LED Professional Monitor.(Qty: 4 No.)

Technical Specification for 42 " LED professional display:
 Screen Size: 42"
 Panel Backlight :Edge LED
 Aspect Ratio :16:09
 Resolution :1920 x 1080
 Brightness :350cd/m2
 Operating Life :50000 Hrs.(Approx.)
 Connection Terminal:
 AUDIO IN; HDMI IN,PC IN :Required
 DVI In; RS 232; LAN Input :Required
 ELECTRICAL:
 Power Requirements :AC 11 0~240V,50/60Hz
 AUDIO:
 Built -in Speakers :Full range 10W (5W+5W)(10% THD)
 Environmental:
 Operating Environment operating temp: 0 - 40degree
 operating humidity :10% - 80%

Accessories Wall mount :Yes Auto Stand By: Yes Back Light Control :User Control	
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Item No 3.Work station for installation of client. (Qty: 4 No.)

Technical Specifications of Client Workstation:
 Make/Model: Bidder Must Specify
 Processor: Intel® Xeon® Processor E3-1200 Family or better (10M Cache)
 Chipset: C226 equivalent Chipset
 RAM Size: 8GB (2 x 4GB) , Upgradeability up to 16 GB
 BIOS Features: Flash, Plug and Play, System Management, ACPI
 Motherboard: Intel or OEM Motherboard only
 Form Factor: Tower Type
 Graphics: Intel® HD Graphics P4600 / equivalent with facility for dual display
 FDD: No Floppy Drive
 HDD: 450 GB SAS/ SATA (3.5 inch) 10000 RPM (min.) – 2 no. in RAID-1 configuration
 Optical Drive: 8x Slim DVD+/R/RW
 Network Interface: 10/100/1000 Mbps Ethernet Connection; auto-sensing & auto-negotiation, Full Duplex.- 02 Nos.
 Exp Slots:
 (Low-profile) 1 x PCIE x16, 1 x PCIE x1
 Media Bays:
 (Min.) 03 (including internal and external)
 Keyboard, Mouse: Standard Keyboard & two button optical scroll
 Mouse with OEM Mouse Pad.
 Interfaces(Min.): 2 - USB 2.0; 1 - serial port; 1 – Keyboard port; 1 – Mouse port; 1 - RJ-45 Ethernet; 1 – VGA; 1-audio in, 1-audio out
 Power Supply :220 ±10% VAC, 50 Hz, pf corrected or better. Redundant power supply ,Efficiency 89% or better.
 Cables: Suitable Power cables & monitor input cables required.
 Certification/ Compliance:CE, FCC Class B, RoHS, WEEE
 Manageability :PCs shall be pre-installed with typical Desktop Management Software which shall help in management of PC faults.
 Security :
 Trusted Platform Module (TPM) 1.2
 Stringent Security (via BIOS)
 SATA Port Disablement (via BIOS)
 RAID Configurations
 Serial, Parallel, USB enable/disable (via BIOS)
 Optional USB Port Disable at factory (user configurable via BIOS)
 Removable Media Write/Boot Control
 Power-On Password (via BIOS)
 Setup Password (via BIOS)
 Hood Lock / Sensor
 Support for chassis padlocks and cable lock devices

OS & Other Software: Preloaded Genuine Microsoft Windows 8 Professional 64-bit with restore CD / latest Windows OS with OS CD and restore kit. Licensed copy of Office 2013 or latest is also required on each workstation
 Operating Environment: Up to 35 °C ambient temp and Up to 85 % RH non-condensing
 Accessories All accessories: eg. Cables, mouse, keyboard of OEM must be supplied with the machines. The workstations must be accompanied with Operating system CD / DVD / Restore CD / DVD media with all necessary drivers etc.

Item No 4. 16 Channel network video recorder with 60 days recording.(Qty: 1 no.)

Technical specification for 16 Channel Network Video Recorder:
 Embedded LINUX Operating System
 High performance Dual-core embedded microprocessor
 H.264 / MPEG4 Video Compression
 Compliance to ONVIF 2.0
 1 HDMI, 1 VGA Video output
 1, 4, 8, 9 Channel – Multi Screen Display
 Supports Resolution - 1920×1080, 1280×1024, 1280×720, 1024×768.
 Supports recording Resolution - 1080P (1920×1080) / 720P (1280×720) /D1 (704×576 / 704×480).
 Supports Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom for all Channels.
 Supports HTTP, TCP/IP, , RTSP, UDP, , NTP, DHCP, DNS, , PPPOE, FTP.
 Support up to Max. 20 Remote Users simultaneously
 NVR should Built-in standalone server capable of continuous 24x7 video recording and NVR having a storage capacity up to 24 TB
 Supports Monitor, PTZ control, Playback, System setting, File download, Log information for Remote Operation
 Should have RJ-45 port (10/100M/1000M)
 Operating Temperature - 10°C to 45°C
 Power Supply AC 100~240 V, 50/60 Hz
 Certification – UL/CE, FCC,

Item No 5. 3 Layer Managed 24 port Gigabit Ethernet Switch having all 24 SFP ports.(Qty: 2 no.)

Technical specification of 3 Layer Managed 24 port Gigabit Ethernet Switch having all 24 SFP ports:
 Port Density and Architecture:
 a. Switch should be of non-blocking architecture for all ports from ,populated with internal power supply .
 Operating Temperature 0-45°C
 b.19" Rack Mountable. Layer-3 Switch `12 x 1000Base-X SFP Ports that support distances ranging up to 10 km and beyond. And 9x 10/100/1000BaseT (RJ45) ports. 2 x 10G SFP+ slots present on the switch from day one. These 10G ports may be populated in future with appropriate single/multi-mode optical transceivers
 c. The Switch should support Active - Active Cluster switching technology using VSS or equivalent technology. The proposed VSS or equivalent technology should support high

availability for both Layer 2 and Layer 3 (RIP, RIPng, OSPF, OSPF v3) Including for IP Multicasting (PIM v4,PIM v6) for CCTV video applications.

Performance:

- a.Forwarding Rate : 65.Mbps or more, Switching Fabric 88 (Gbps) or more
- b.Extensive wire-speed traffic classification for ACLs and QoS
- c.Supports Jumbo frame
- d.Support Wire-speed multicasting
- e.Min 16K MAC addresses & 4K VLANs

Reliability:

- a.STP, RSTP, MSTP
- b.Dynamic Link Failover
- c.Loop Protection - Loop Detection
- d.Virtual Router Redundancy Protocol (VRRP)
- e.PVST+ compatibility mode
- f.Rapid Ring Protection /resiliency technology as per the IEEE 802.17 / RPR / ERPS or equivalent technology providing the convergence time as per the standards specified above for less than/sub 50 millisecond convergence

Routing:

- a. Should support RIP and RIPng
- b. Should support VRRP and VRRPv3
- c. Should support OSPF and OSPFv3
- d. Should support BGP and BGP4 for IPv6
- e.Support Virtual Routing and Forwarding (VRF) and Equal Cost Multi-Path (ECMP) routing

IPv6 Features:

- a.IPv4 and IPv6 Dual Stack
- b.IPv6 Management ,IPv6 ACL (hardware based)
- c.SNMPv6,Telnet v6,SSHv6

Multicast Support:

- a.Bootstrap Router for IGMP v1,IGMP v2, IGMPv3,IGMP Query Solicitation ,MLD Snooping (MLDv1,MLDv2), MLD for IPv6,PIMv4-SM,PIM-DM,PIM-SSM

Security:

- a.Support 802.1x support
- b.Should Support Dynamic & Private VLANs , Guest VLAN
- c.Network Access and Control (NAC) features or equivalent to manage end point security
- d.BPDU Protection and STP Root Guard, Access Control List based on Layer 3 and layer 4, Dynamic VLAN

Quality of Service:

- a.Policy based QoS features
- b.traffic classification on priority requirement
- c.Mixed scheduling or equivalent to support complex traffic queuing requirements
- d.8 QoS queues per port and support Voice VLAN,LLDP-MED
- e.Diffserv, Strict Priority, Round Robin.
- f.Access Control Lists (ACLs) and IEEE 802.1p Priority Tagging
- g.64 Kbps bandwidth limiting per port or per traffic class

Management :

- a.GUI, Telnet, Industry-standard CLI with built-in Help-menu

<p>b.Should support software release files, configuration and other files to be stored for backup with SD card or USB drives.</p> <p>c.Port mirroring and RMON (4 Groups)</p> <p>d.Out of band 10/100/1000 Ethernet management port and console management port</p> <p>e.SSH and SNMPv3 for secure management, DDM - Optical digital diagnostic monitoring as per SFF - 8472 or equivalent standards</p> <p>f.NTP , Syslog and sFlow or equivalent</p> <p>Approvals:</p> <p>Restrictions on Hazardous Substances (RoHS) Compliance ,IEEE 802.3az Energy Efficient Ethernet (EEE),UL, cUL, TUV</p>	
<p><u>Item No 6.1000 Base LX module for above mentioned switch i.e. Line item no 50.(Qty: 9 No.)</u></p> <p>1000 Base LX module for above mentioned switch i.e. Line item no 50. Should be compatible for 3 Layer Managed 24 port Gigabit Ethernet Switch having all 24 SFP ports.</p>	
<p><u>Item No 7. 1000 Base T module for above mentioned switch i.e. Line item no 50. (Qty: 9 No.)</u></p> <p>1000 Base T module for above mentioned switch i.e. Line item no 50.Should be compatible for 3 Layer Managed 24 port Gigabit Ethernet Switch having all 24 SFP ports.</p>	
<p><u>Item No 8. Industrial Grade Switch with one port 1000 Base LX to 1000 Base T. (Qty: 9 No.)</u></p> <p>Technical Specifications of Industrial Grade switch with one port 1000 Base LX to 1000 base T:</p> <p>Port type and Quantity : 1x10/100/1000 Base T, 1x1000 Base LX (Single Mode)</p> <p>Operating Temperature :-40° C to +75° C</p> <p>Degree of Protection: IP 30</p> <p>Power supply : 230 V AC</p> <p>Surge protection : Shall be equipped with inbuilt surge protection or with external surge protection devices</p> <p>Certifications : CE & UL Certified</p>	
<p><u>Item No 9. CAT 6 Armoured UTP cable.(Qty: 305 meter)</u></p> <p>Technical Specification of Cat 6 Armour UTP cable:</p> <p>Make/Model: Bidder Must Specify</p> <p>Cable Shielding Cat 6 Cable should be protected by Steel Tape Armour and shall be use for direct burial application.</p> <p>Cable should have Double HDPE Sheath for Higher strength.</p> <p>Bend Radius Less then 1" around 24 mm</p> <p>Application Direct burial & anti rodent cable for Outdoor Camera Installation.</p> <p>Conductor: Solid Copper</p> <p>Conductor Diameter 0.56±0.005mm (23 AWG)</p> <p>Insulator Polyolefin</p> <p>Max. Temperature 70°C</p>	

<p><u>Item No 10. Explosion Proof boxes with all accessories. (Qty: 9 no.)</u></p> <p>Technical Specification Of Explosion Proof junction box with all accessories: Junction Box: Suitable for hazardous area Classification Dimension :Suitable to accommodate all field items/equipments (viz. outdoor network switch, LIUs, POEs, Termination boxes, Electrical adapters, media convertors etc. as per requirements) Protection Class: NEMA 4X / IP65. Paint :Anticorrosive epoxy paint, shade light grey Gasket :Neoprene Rubber Cables Glands / Plugs :Suitable FLP / WP brass, nickel coated double compression cable glands and plugs shall be provided with the junction box Cable Entries :Suitable size & number of entries required for the system to be provided.Spare cable entries shall be blinded. Earthing :The junction box shall be provided with external earthing lugs. Certification :Copies of PESO certificates for specific model should be supplied.</p>	
<p><u>Item No 11. Fiber Junction Box (One in Two out) outdoor underground. (Qty: 9 no.)</u></p> <p>The vendor needs to supply 9 numbers of fiber junction boxes (one in two out; outdoor) required for IP Based CCTV Surveillance System for LPG Plant,OIL Duliajan.</p>	
<p><u>Item No 12. SC to LC single mode duplex Fiber Patch Cord. (Qty: 36 no.)</u></p> <p>SC to LC single mode duplex Fiber Patch Cord: SC to LC Duplex tuned Fiber Optic Patch Cord 3 Mtr, 9/125 Micron Cable Sheath LSZH Cable Diameter 1.8 mm twin zip Ferrule Ceramic Buffer Tight buffered Insertion Loss MAX .3 db Return Loss > 45 db Temperature Range.-10 Degree C to +60 Degree C ROHS Compliant</p>	
<p><u>Item No 13. SC type Pigtail(Qty: 50 no.)</u> Pigtail: SC, Single mode, 9/125 um</p>	
<p><u>Item No 14. 24 port rack mounted LIU with fiber splice tray. (Qty: 3 no.)</u> 24 Port Fiber Optic Rackmount LIU, loaded with adapter plates, Splice Tray : Fiber Management Shelf:24 Port Configurable Fiber drawer, Sliding drawer is a 1U rack mount unit for storing and terminating incoming fiber cable. Using our vast range of 6 Pak Plates you can configure your fiber system to suit all fiber applications. Configurable, Fits up to four 6 Pak Plates/ Angled 6 Pak plates Adhesive labeling for port identification Management rings within system to accommodate excess fiber cordage behind the trough</p>	

<p>adapters and maintain fiber bend radius. Rugged steel construction, Powder coated mild steel Compact size (mm:) Rack Mount 482mm W x 254mm D x 43mm H Optical Fiber Adapter Plates: SC Adapter Plate Loaded, As per requirement Splice Tray Loaded</p>	
<p><u>Item No 15. 6 core armoured OFC. (Qty: 2000 METER)</u> Fiber type: Single Mode (SM) Number of cores:6 Cable armouring: FRLS armored, corrugated steel tape and for outdoor use.</p>	
<p><u>Item No 16. Flameproof Electrical JB. (Qty: 9 No.)</u> The vendor needs to supply 9 numbers of Flameproof Electrical JB required for IP Based CCTV Surveillance System for LPG Plant,OIL Duliajan.</p>	
<p><u>Item No 17. Ethernet surge protector for cameras. (Qty: 9 no.)</u> Surge Protection Device for Ethernet: Application: Surge Protection device at Safe Area for Ethernet (CAT 5/ CAT6) Make: Bidder to specify Model: Bidder to specify Maximum Continuous operating voltage (DC): 5V or better Voltage Protection level: Better than 25 V DC Connection Type: RJ 45 Ambient temperature limits: 0°C to +75 °C (working) Humidity: 95% RH (non-condensing) Degree of Protection: IP 20 or better EMC compliance's EN 60950: 1992 BS EN 61000-6-2 : 1999 or equivalent latest standard Test Certificate: As per relevant IEC/ BS/UL or IS Standards Accessories: All accessories for mounting / installation at Site shall be supplied by the bidder</p>	
<p><u>Item No 18. Power surge protector for JB. (Qty: 9 No.)</u> Power Surge Protection Device for JB specification: Surge Protection device at Safe Area Single Phase 10 A AC Load Application :Surge Protection device at Safe Area Single Phase AC Maximum Continuous operating voltage (AC) :Better than or equal to 270V AC Response Time: Less than or equal to 25 ns Maximum Discharge Current in KA :Better than or equal to 40KA Duty cycle performance : Bidder to specify Ambient temperature limits :0°C to +75 °C (working) Humidity :95% RH (non-condensing) Degree of Protection :IP 20 EMC compliance BS :EN 60950 : 1992 BS EN 61000-6-2 : 1999 or equivalent latest standard Indication: LED Indication for Status Test Certificate : As per IEC 61643-11 or relevant BS or IS Standards</p>	

<p>Accessories :All accessories for mounting / installation at Site shall be supplied by the bidder</p>	
<p><u>Item No 19. MCB,DB,Earthing components and other electrical accessories for JB. (Qty: Lumpsum)</u> The vendor needs to supply all necessary accessories like MCB,DB,Earthing components and other electrical accessories for JB for IP Based CCTV Surveillance System for LPG Plant, OIL Duliajan.</p>	
<p><u>Item No 20. 40 mm HDPE Pipe TEC Approved. (Qty: 1500 METER)</u> The vendor needs to supply 1500 meter 40mm HDPE Pipes(TEC Approved)required for IP Based CCTV Surveillance System for LPG Plant, OIL Duliajan.</p>	
<p><u>Item No 21. 2.5 sqr mm 3 core power cable. (Qty: 2000 METER)</u> Type: 3 Core X 2.5 sq. mm, multi strand with standard annealed electrolytic copper conductor outdoor armored cable Color code : Red, Black and Green.(Preferable)</p>	
<p><u>Item No 22. 27U Floor Standing Server Rack. (Qty: 1 no.)</u> Technical specification for Floor standing 27 U server rack : 19" server Rack: 27 U/600mmwidth/1000mm depth, with Aluminum extruded frame structure design,(Aluminum extruded depth support member, Aluminum extruded width support member joined with special locking keys to the aluminum extruded vertical member to form a robust frame structure. This aluminum frame structure is chromate treated Powder coated to 80 microns; Matt finish. Top cover fully vent. & bottom cover with cable entry provision Side panels are detachable with slam latches ventilation slot on side panels, full vented top cover & bottom cover with the cable entry provision. Joint Free Gaskets used throughout the frame on front & back side Front glass door with vent, lock & key Rear mesh type perforated door with lock & key Castors with breaks A/c main distribution box with 10 nos. of 5/15amp socket. – 1 No. Front panel mounting hardware. – 1 No. 230V A/C 90 CFM fan mounted on top cover - 4 Nos. H/D Stationary Shelf 700mm D – 1 No. 19" Key board tray rotary on side – 1 No.</p>	
<p><u>Item No 23. 7 Meters Pole: (Qty: 9 no.)</u> 7 mtr Pole has the following specification: 7 mtrs Long Steel Tubular Poles, Swaged type conforming to IS: 2713 (Part-I&II)-1980 with the following specifications: 1) Designation: 410 SP-30 2) Material of construction: Conforming to grade Yst 240 of IS:1161-1979 3) Corrosion Protection: Pole planting depth should be coated with Bituminous paint as per IS: 1580-1968 and rest of the Pole length be painted with 1(one) coat of red #oxide primer as per IS: 2074-1979 and also one coat of olive green paint above the primer.</p>	

<p>4) Earthing Arrangement: Each Pole should be provided with a through hole of 14mm diameter at a height of 300 mm above the planting depth.</p> <p>5) Base Plate: Mild steel Base plate of 300mmx300mmx6mm size should be welded to the bottom of the each Pole as per IS: 2713.</p> <p>6) Tests and test certificates: Tests as per IS: 2713, 228 (for sulphur & phosphorus content), 1894 (for finished poles) should be carried out on the Poles and relevant certificates should be sent along with the materials.</p> <p>7) Markings: Pole designation, manufacturer's identifications mark and year of manufacture should be mark on each Pole as per IS: 2713.</p>	
<p><u>Item No 24. 9U Wall Mounting Network Rack. (Qty: 2 no.)</u></p> <p>9U wall mount Network rack: 575mm width/500mm depth, 19" fully modular design, Flat Pack design, full vented top cover & bottom cover with the cable entry provision. Front tinted glass door. A/c main distribution box with 6 nos.5amp socket with MCB. -1 No. 19" cable manager – 2 Nos. Front panel mounting hardware. – 1 Pkts 230V AC 90 CFM fan – 1 No.</p>	
<p><u>Item No 25. 5KVA UPS. (Qty: 2 no.)</u></p> <p>Technical Specification of 5KVA UPS: Capacity: 5 KVA or more Nominal Input voltage: 230V Input Frequency: 50Hz +/- 3 Hz Input Voltage range: 160-250V Output Voltage: 230 V Output Frequency: 50Hz +/- 3Hz Output Waveform Type: Sine wave Battery Bank (SMF Type) :Required for 1 (One) hour back up on full load</p>	
<p><u>Item No 26. Installation & commissioning charges. (Qty: Lumpsum.)</u></p> <p>Bidders are requested to quote the Installation & commissioning charges.</p>	
<p><u>Item No 27. Training and Documentation charges. (Qty: Lumpsum.)</u></p> <p>Bidders are requested to quote the Training and Documentation charges.</p>	
<p><u>Item No 28. Warranty for 3 years. (Qty: Lumpsum.)</u></p> <p>Scope of Work during Warranty: a. All equipment including hardware, software and accessories supplied, installed and commissioned under the scope shall be covered under warranty for a period of 3 (Three) years from the date of commissioning. This shall include all CCTV cameras along with fixtures, JBs, poles etc. active and passive network components / devices, storage systems, recording system & client workstations / monitoring stations along with</p>	

<p>operating system, application software & other utilities and all types of cables.</p> <p>b. During the Warranty period, any failed device shall have to be repaired/ replaced with a new/ standby device within 48 hours of reporting the failure. The failure of the system or any device will be intimated to the successful bidder over phone and at the same time it will communicated vide mail also.</p> <p>c. In case of failure on the part of the successful bidder to rectify the problem within 48 hours of reporting, following penalties will be applicable: " Rs 500.00 per device per day (for devices located outside the control rooms) " Rs 1000.00 per day (for any control room failure). Total penalty charges during warranty period of 3(Three) years will not exceed 15% of the total material cost of the PO which may be recovered from the performance security submitted by the bidder.</p>	
<p><u>Item No 29. Annual Maintenance Contract for 3 years. (Qty: Lumpsum.)</u></p> <p>Scope of Work during Comprehensive Annual Maintenance Contract:</p> <p>a. Entire equipments supplied and installed including UPS and batteries shall be covered under this comprehensive AMC for 3 (Three) years with effect from the date of successful completion of its 3 (Three) years warranty period.</p> <p>b. For any reason, if the warranty period is extended, AMC shall start after completion of the extended warranty period.</p> <p>c. The AMC shall run for a period of three (3) years.</p> <p>d. Bidder has to arrange transportation of his personnel and materials for each location during Comprehensive AMC period.</p> <p>e. The basic structure of AMC will be of six Comprehensive mandatory Preventive Maintenance visits (Two visit per year and each visit of 3 days duration) and six Non Comprehensive emergency breakdown visits (two visit per year) which will be paid on actual basis.</p> <p>f. During the AMC period, any failed device shall have to be repaired/ replaced with a new/ standby device within 48 hours of reporting the failure. The failure of the system or any device will be intimated to the successful bidder over phone and at the same time it will communicated vide mail also.</p> <p>g. In case of failure on the part of the successful bidder to rectify the problem within 48 hours of reporting, following penalties will be applicable: " Rs 500.00 per device per day (for devices located outside the control rooms) " Rs 1000.00 per day (for any control room failure). However, total penalty during the year of the AMC period will not exceed 15% of the annual AMC charges.</p>	
<p><u>Item No 30. Any other item. (Qty: Lumpsum.)</u></p> <p>Any other material required for the above mentioned job may be provided by the bidder with details.</p>	
<p><u>Price Breakup:</u></p> <p>Bidders should submit the price breakup of all the items as per "Annexure HHH" which has been uploaded under "Notes & Attachments" > "Attachments" as shown below. The price breakup "Annexure HHH" should be filled up, signed and uploaded under "Notes & Attachments" > "Attachments" only. The filled up price breakup of all the items should not be uploaded in</p>	

Technical RFX Response folder as it shall lead to rejection of the offer as per Bid Rejection Criteria.

The screenshot displays the 'Display RFX' page in a web browser. The page title is 'RFX - Oil India Ltd e-Procurement System - Windows Internet Explorer'. The main content area is divided into several sections:

- RFx Information:** RFX Number: SDI3784P15, RFX Name: CCTV Surveillance System OIL Dullajan, Type: RFX-OPEN TWO BID, Status: Saved, Created On: 03.08.2014 13:22:23, Created By: ROY.
- Notes:** A table with columns 'Assigned To', 'Category', and 'Text Preview'. It contains two entries: 'Document Header' with 'Tendering text' and 'Item01"CAMERA"' with 'Tendering text'.
- Attachments:** A table with columns: 'Assigned To', 'Category', 'Description', 'File Name', 'Version', 'Processor', 'Visible Internally only', 'Checked Out', 'Type', 'Size (KB)', and 'Ch'. It contains one entry: 'Document Header', 'Standard Attachment', 'Price Breakup Annex HHH', 'Price Breakup Annexure HHH.pdf.SSIG', '1', 'SSIG', '70', '200'.
- Collaboration:** A section with 'Create', 'Assign', and 'Delete' buttons. Below it, a table with columns 'Collaboration' and 'Created on' shows 'No collaboration has yet been created'.

The Windows taskbar at the bottom shows the Start button and several open applications including SAPLPD, Surveillanc..., Strategic..., Inbox - Mi..., Technical..., and RFX - Oil I... The system clock shows 3:37 PM.

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

Annexure- DDD

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. **SDI8417P16** 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 credibility 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.

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<p>TUHIN ROY DEPUTY MANAGER MATERIALS (IP) ----- For the Principal</p>	<p>----- For the Bidder/Contractor</p>
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Place. Duliajan.	Witness 1 :
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Date 31.08.2015 .	Witness 2 :
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Technical Bid Checklist**Annexure-EEE**

Tender No.			
Bidder's Name :			
		Compliance by Bidder	
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 have been filled in by the bidder 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 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		
13	Confirm that you have submitted Name and Full Address of Issuing Bank including Telephone, Fax Nos and Email id of branch manager where Bid security has been submitted as Bank Guarantee.		

NOTE: Please fill up the greyed cells only.

Response Sheet

Annexure-FFF

Tender No.	
Bidders Name	

Bidders Response Sheet

Sl No.	Description	Remarks
1	Name of Bidder	
2	Whether tender document purchased from OIL's offices.	
3	Place of Despatch	
4	Whether Freight charges have been included in your quoted prices	
5	Whether Insurance charges have been included in your quoted prices	
6	Make of quoted Product	
7	Offered Validity of Bid as per NIT	
8	Delivery Period in weeks from placement of order	
9	Complied to Payment terms of NIT (if applicable) otherwise to Standard Payment Terms of OIL or not.	
10	Bid Security Submitted (if applicable)	
11	Details of Bid Security Submitted to OIL (if applicable)	
	a) Bid Security Amount (In Rs):	
	b) Bid Security Valid upto:	
12	If Bid security submitted as Bank Guarantee, Name and Full Address of Issuing Bank including Telephone, Fax Nos and Email id of branch manager	
13	Bid Security if Not submitted reasons thereof	
14	Whether you shall submit Performance Security in the event of placement of order on you (if applicable)	
15	Integrity Pact Submitted (if applicable)	
16	Whether submitted documents in support of General Qualification criteria of NIT	
17	If bidder is Small scale unit whether you have quoted your own product	
18	If bidder is Small scale unit whether you are eligible for purchase preference (as per Govt guidelines)	
19	Whether filled up the bank details for online payment as per Annexure GGG	

NOTE: Please fill up the greyed cells only.

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

Tender No. :.....
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 :.....
VAT Registration No. :.....
CST Registration No. :.....
Service Tax 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) VAT Registration Certificate
- 3) Service Tax Registration
- 4) CST Registration
- 5) Provident Registration Certificate
- 6) Cancelled cheque of the bank account mentioned above (in original).
- 7) Bank Statement not older than 15 days on the date of submission.