OIL INDIA LIMITED
(A Government of India Enterprises)
PO : Duliajan – 786602
<u>**Assam (India)**</u>

<u>**FORWARDING LETTER**</u>

Tender No.	: SDI8465P19 DT: 30.06.2018
Tender Fee	: Rs 1,000.00
Bid Security	: Applicable
Bidding Type	: SINGLE STAGE TWO BID SYSTEM
Period of sale of Bid Documents	: From.01.07.2018. to 16.08.2018. (15:30 Hrs. IST)
Bid Closing date	: 23.08.2018 (at 11:00 Hrs. IST)
Technical Bid Opening on	: 23.08.2018 (at 14:00 Hrs. IST)
Tender Type	: Open Tender
Bid Closing / Opening on	: As mentioned in the e-portal
Performance Security	: Applicable
Integrity Pact	: Applicable
DATE OF PRE-BID CONFERENCE	: 27.07.2018
TIME OF PRE-BID CONFERENCE	: 09:00 HRS
VENUE OF PRE-BID CONFERENCE	: OIL INDIA LIMITED, Duliajan

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: <u>All addenda, Corrigenda, time extension etc. to the tenders will be hosted on above website and e- portal only. Bidders should regularly visit above website and e-portal to keep themselves updated.</u>

OIL invites Bids for **Implementation of Security Incident and Event Management (SIEM) Solution for OIL (Qty: 01 No.)** 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 of Indigenous 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.

NOTES:

(1) A Pre-Bid Conference with the vendors will be held at Oil India Limited, Duliajan to discuss on the technical specifications and other terms and conditions of the tender. The bidders who have paid tender fee will only be authorized to attend the pre-bid conference. The exact venue of the Pre-Bid conference will be intimated to the vendors at a later date.

(2) Clarification on the technical specifications and other terms & conditions of the tender shall be provided to the vendors during the Pre-bid Conference. Vendors should come fully prepared to the Pre-bid Conference and submit their queries to OIL in the Pre-bid Conference for clarification. The set of queries shall be sent to OIL at least 5 days before the Pre-bid Conference (ie within 23.07.2018) for study by OIL.

(3) Any changes in the technical specifications and other terms & conditions of the tender arising out of discussion in the Pre-bid Conference shall also form part of the tender document. In the Pre-bid Conference specifications, terms and conditions of the NIT will be frozen and no request for amendment to NIT shall be entertained after the pre bid conference.

(4) Vendors shall depute representatives who are competent enough and authorized to take on the spot decision. At the most 2 (Two) representatives from each vendor shall be allowed to participate in the pre-bid conference. All costs for attending the pre-bid conference shall be to the vendors account.

(5) Vendors, immediately after the purchase of the Tender documents, shall inform OIL at the following address about their participation in the Pre-Bid Conference with details of the persons to enable OIL to make arrangement for the Pre-Bid Conference.

DGM – MATERIALS (IP), OIL INDIA LIMITED
P.O DULIAJAN, PIN – 786 602, DIST. DIBRUGARH (ASSAM) INDIA
FAX NO. : +91 - 374 – 2800533, E-Mail : ankurjyoti_sarmah@oilindia.in

The tender will be governed by:

a) **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.**

b) **OIL's office timings are as below:**

	Time (in IST)
Monday – Friday	**07.00 AM to 11.00 AM; 12.30 PM to 03.30 PM**
Saturday	**07.00 AM to 11.00 AM**
Sunday and Holidays	**Closed**

Vendors should contact OIL officials at above timings only.

OIL Bank Details:

		Bank Details of Beneficiary	
a	Bank Name	STAE BANK OF INDIA	
b	Branch Name	Duliajan	
c	Branch Address	Duliajan, Dist-Dibrugarh	
d	Banker Account No.	10494832599	
e	Type of Account	Current Account	
f	IFSC Code	SBIN0002053	
g	MICR Code	786002302	
h	SWIFT Code	SBININBB479	
i	Contact No.	9435554859	
j	Contact Person Name	Mr. K.L.K.Banik, AGM	
k	Fax No.	0374-2802729	
l	Email Id	sbi.02053@sbi.co.in	

c) "General Terms & Conditions" for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.

d) Technical specifications and Quantity as per **Annexure – 1A**.

e) The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area - > Tender Documents.

f) 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.

g) 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).

h) 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 Attachment. For details please refer "Vendor User Manual" / "NEW INSTRUCTIONS"

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1.0 Vendors having OIL's User ID & password may pay Tender Fee on-line through OIL's electronic Payment Gateway upto one week prior to the Bid closing date (or as amended in e-portal).

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

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:
In case of MSE/PSUs/ Govt. Bodies / eligible institutions etc., they shall apply to DGM-Materials, Oil India Limited, P.O. Duliajan, Assam-786602 for waiver of Tender Fee upto one week prior to the Bid closing date (or as amended in e-portal).

2.0 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.

2.1 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**.**

2.2 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 refer Annex-BB for price schedule.

2.3 Offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in Annexure-CCC.

3.0 Please note that all tender forms and supporting documents are to be submitted through OIL's e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribed with **Tender no.** and **Due date** to **DGM-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 Duplicate.

4.0 **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 though 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. Bidders who are allowed to participate against the tender as MSEs must quote their own products failing which their bids will be rejected.**

5.0 **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. The detail of the said policy is furnished vide "General Terms & Conditions for Indigenous Tender (MM/LOCAL/E-01/2005)" of this tender.**

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

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 names of the OIL's Independent External Monitors at present are as under:

SHRI SATYANANDA MISHRA, IAS (Retd.)
Former Chief Information Commissioner &
Ex-Secretary, DOPT, Govt. of India
E-Mail ID : satyanandamishra@hotmail.com

SHRI JAGMOHAN GARG,
Ex-Vigilance Commissioner, CVC
E-Mail ID : jagmohan.garg@gmail.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 of Indigenous 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.

15.0   **Delivery/collection Instructions in cases where transportation is in OIL's scope:**

(i) The suppliers shall be required to deliver the Sundry consignments of weight less than 3 (Three) Tons at the godown/office/collection point of OIL's authorized transporter in various cities.
(ii) Consignments weighing more than 3(Three) Tons shall be collected from the supplier's premises/loading points by OIL's authorized transporter.
(iii) The names of OIL's current authorized transporters are:
   a) M/s Western Carriers (India) Ltd.
    b) M/s DARCL Logistics Limited

Bidder's are requested to note the above delivery/collection instructions while submitting their offers.

16.0   Bidders are requested to refer to the enclosed **Annexure – BBB** for the Taxes and Duties clauses under GST regime.

17.0   While submitting the offers bidders are requested to refer to the enclosed **Annexure – BB (Price Bid Format and Evaluation Criteria).**

18.0   **Price Breakup:**   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 Technical Attachment.**
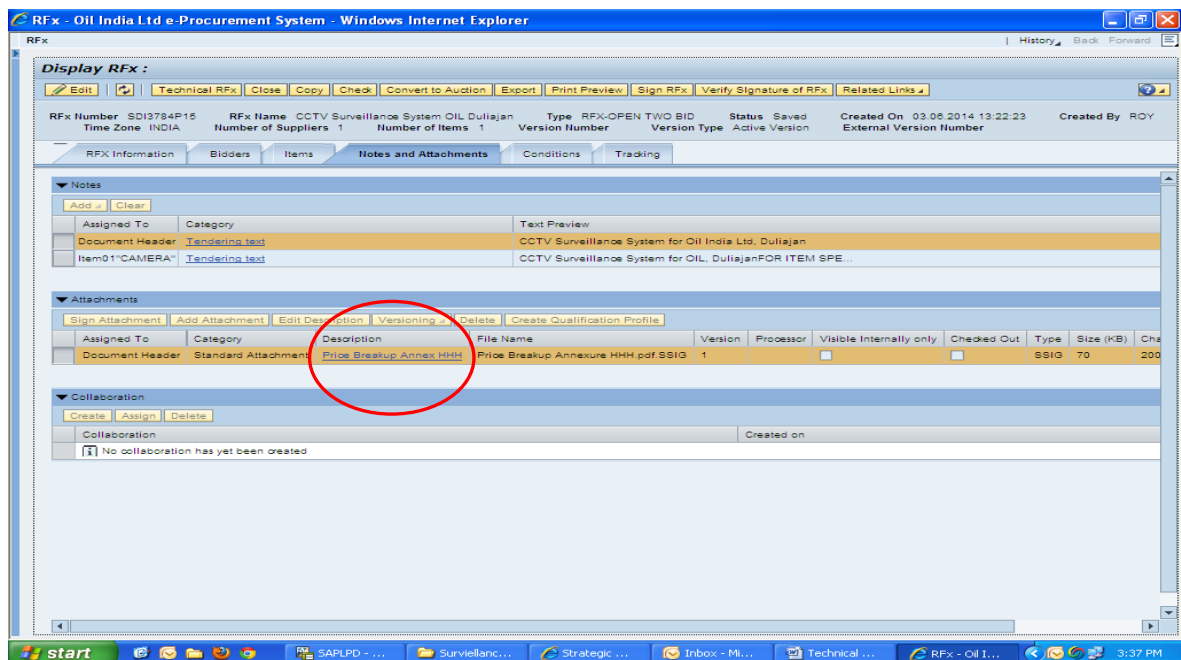
Please do refer "NEW INSTRUCTION TO BIDDER FOR SUBMISSION" for the above two points and also please refer " New Vendor Manual (effective 12.0.2017) " available in the login Page of the OIL's E-tender Portal.

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-
(A J SARMAH)
SR. MANAGER MATERIALS (IP)
FOR : GM-MATERIALS

Tender No & Date: SDI8465P19 DT: 30.06.2018

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 of Indigenous 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.

Criteria	**Complied / Not Complied. (Remarks if any)**
1.0 BID REJECTION CRITERIA (BRC): The bid shall conform generally to the specifications, 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. **A) TECHNICAL:** **1)** Bidder should have the experience of successfully executing **at least 1(one) similar order** of value **Rs. 2.48 Crores** in preceding **5 (five) years** as on the original Bid Closing date. "**Similar order**" means "**order for supply and implementation of SIEM Solution and providing Managed Security Operation Centre**". **Note:** Documentary evidence in respect of the above should be submitted in the form of copies of relevant **Purchase Order along with** copies of any of the following documents in respect of satisfactory execution of each of those Purchase Orders, such as – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Receipted Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax Invoices issued under relevant rules of Central Excise/VAT/GST (OR) (v) any other documentary evidence that can substantiate the satisfactory execution of each of the purchase orders cited above. **Note:** a) The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.	

2) All items must be sourced from a single vendor. Hence, bidders must quote for all the items in the NIT, failing which their bids will be rejected.

3) <u>Delivery period:</u>

i) Delivery of Software, Hardware and Relevant Licenses must be completed within 90 days of placement of Purchase Order.

ii) Installation and commissioning of the entire solution must be completed within 90 days of delivery of equipment.

B) FINANCIAL:

a) Annual Financial Turnover of the bidder during **any of preceding 03 (three) financial / accounting years from the original bid closing date** should be at least **Rs. 2.48 Crores.**

b) Net Worth of the firm should be Positive for preceding financial / Accounting year **(FY: 2017-2018)**.

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

Note:
a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:-
i)   A certificate issued by a practicing Chartered Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in **ANNEXURE-J**.
                                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:

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. 14.25 Lakhs** in OIL's prescribed format as Bank Guarantee in favour of OIL. The Bid Security may be submitted manually in sealed envelope superscribed with Tender no. and Bid Closing date to GM-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 7 months from Bid closing date. (i.e. upto 23.03.2019).**

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. 8.16 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous 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.

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 of Indigenous Tenders. Any offer not complying with the above shall be rejected straightway.

iv) Performance Security: The successful bidder shall submit Performance Security as detailed hereunder:

a) 1st Performance Security @ 10% of PO value [towards cost of Materials (Hardware, Software and Licenses) + Installation & commissioning + Training + Additional requirements] shall be submitted within 30 days of receipt of the formal purchase order, failing which OIL reserves the right to cancel the order and forfeit the Bid Security. The Performance Security 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.

b) 2nd Performance Security @ 10% of Contract value [towards cost of 5 years AMS + 5 years MSOC Service] shall be submitted within 30 days of signing of the formal Contract Agreement(s). The Performance Security shall be valid for entire period of 5 years AMS and MSOC Service plus 3(three) months.

The Performance Security shall be in the following forms :

A Bank Guarantee in the prescribed OIL's format.

Bidders should undertake in their bids to submit Performance Security as stated above.

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 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.

vi) 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.

vii) 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.

viii) **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.**

ix) Price should be maintained in the "online price schedule" only. The price submitted other than the "online price schedule" shall not be considered.

x) 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) Annual Turnover of a bidder lower than the Annual turnover mentioned in the Tender.

NOTE: FOR CLAUSE NOS. C(ii) & C(iv) OF BID SECURITY/EMD AND PBG.
The bidders/successful bidders are requested to advise the Bank Guarantee issuing bank to comply with the following and ensure to submit, the receipt of the copy of SFMS message as sent by the issuing bank branch, along with the original bank guarantee in Oil's tender issuing office:

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. The original Bid Closing Date shall be considered by OIL for evaluation of BRC criteria even in case of any extension of the original Bid Closing Date.

A) TECHNICAL:

1. The bids shall be evaluated as per NIT specifications, terms & conditions.

2. For evaluation of bids, cost of all items shall be considered together. The total quoted cost of Materials (Hardware, Software and Licenses) + Installation and Commissioning + Training + AMS + MSOC Service + Additional requirements will be considered for evaluation of the techno-commercially acceptable bids.

B) COMMERCIAL:

i) To evaluate the inter-se-ranking of the offers, all Taxes / Levies will be considered as per prevailing Govt. guidelines as applicable on the bid opening date. Bidders may check this with the appropriate authority before 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) A job executed by a bidder for its own organization / subsidiary cannot be considered as experience for the purpose of meeting BEC.

iv) 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: SDI8465P19 DT: 30.06.2018

	Complied/ Not complied. (Remarks, if any)
ITEM NO. 10 **RACK MOUNT SERVERS {QTY: 1 SET (CONSISTING OF MIN 02 NOS.)}** **General Requirement:** 1. Bidder must specify Make and Model number of the Rack mount server offered in the bid. Relevant product datasheet must be submitted along with the bid. 2. Form factor : 2 RU 30 inch Rack-mountable. Necessary rail kit for mounting to be supplied along with the hardware. 3. Design: The design should be such that the failure of one physical server or one virtual machine does not impact the overall functionality of the entire solution. The bidder has to specify the number of physical servers needed to meet this requirement." 4. Total quantity to be supplied: To be proposed by the bidder. Delivery details: a) Quantity - 01 set Address: Oil India Limited, Materials Department, Duliajan, Assam - 786602 **Technical Specifications:** 1. **CPU** 28-core latest generation 64 bit Intel Xeon processor. Clock Speed : 2.60 GHz or higher L3 Cache : 40 MB or higher Minimum 9.6 GT/s QPI TDP 145 Watts maximum 2. **Memory** 8x16 1866 MHz RDIMM8 with at least 2 slots free for future upgradation Installed : 128 GB 3. **Storage** SAS 7.2 K rpm, 40 TB usable (Raid 6) 4. **Network** 1 No. 2-Port Emulex 8Gb FC 1 No. 10/100 Base-T integrated management module interface	

2 Nos 10 Gbps SFP+ ports 2 Nos. 10/100/1000 Base-T networking monitoring interface 1 No 10/100/1000 Base-T Management Interface 5. **Video Adaptor** Integrated Graphics with at least 8 MB Video Memory 6. **Ports and Drive Bay** Minimum 1 number of VGA port Minimum two number of USB 2.0/3.0 port 7. **Management** OEM embedded controller with IPMI 2.0 compliance and Server Management Tool from same OEM 8. **OS Support** Microsoft Windows Server 2012 R2 and 2016 Red Hat Enterprise Linux VMware® ESXi Citrix® XenServer 9. **Power Supply and Cooling** Fully redundant and all populated hot swap variable speed blowers/fans Power Supplies shall be hot swappable and shall be supplied in adequate numbers so as to ensure 1+1 redundant power supply sufficient to power the server Single Phase 230 V AC 50 Hz India Standard Power Pin 11. **License (if any)** If any of the specification listed above requires purchase of separate software license apart from the base hardware, it must be specified in the technical specification response sheet. The bidder must supply the necessary software licenses to meet the stipulated specifications. The software license provided by the bidder must be perpetual in nature; there must not be any requirement for renewal of the license.	
ITEM NO. 20 **BACKUP SOLUTION (QTY : 01 NO.)** 1. Single Drive (8 Gbps FC) robotic tape library supporting LTO 7 tape with barcode. 2. Minimum 24 slots 3. Up to 300 MBps native with LTO Ultrium 7 4. Facility for remote library management through a standard web interface 5. Attachment Support: 8 Gbps Fibre Channel,6 Gbps SAS interfaces 6. 25 Nos. RW LTO 7 Tapes along with 1 No. Cleaning Tape to be supplied with the solution. 7. Backup and Recovery software with adequate client licenses should be supplied and implemented with the Solution to meet the following requirements:	

a. Backup and recovery of SIEM logs including Backup schedule facility b. Web based management system of day to day activities, report generation, status check, recovery, etc. c. To have catalog database, having details of indices, archives, backups etc." 8. Native support for Windows, Linux	
ITEM NO. 30 **SIEM SOLUTION (QTY : 01 NO.)** The offered SIEM solution will be required to have the following features: **1. Event Collection and Writing:** o The solution should have a log collection and archive architecture that supports both short-term (online) and long-term (offline) event storage. o The solution should support log archives on 3rd party storage. o The solution must provide the ability to store/retain both the log meta data and the original raw message of the event log for forensic purposes o The solution should provide capabilities for storage and compression of collected data. o The solution should support industry standard Log Formats from sources like (Syslog, WMI, SNMP, Netflow, Jflow, Oracle database, SQLServer, MySQL, IIS, Checkpoint LEA, etc.). The details of log sources are given in **Annexure-I.** o The solution should support agent and agentless log collection mechanisms from sources such as Windows Servers, Linux/Unix, AIX, HPUX, Network Router, Network Switch, Firewall, Network Link Load Balancer etc. The details of log sources are given in **Annexure-I.** o The system should be able to provide access to at least 3 months' worth of detailed information online. o The solution should support long-term access to detailed security event and network flow data from backup or archived data storage locations. o The solution must support distribution of event collection, analysis and logging mechanism independent of each other. **2. Network Traffic Monitoring and Analysis:** o The solution should be able to identify top consumers of network bandwidth. o The solution should be able to monitor and project traffic trends and usage patterns o The solution should be able to monitor traffic based on combination of ports and protocols o The solution should be able to monitor bandwidth consumption by IPs or set of IPs. o The solution should be able to monitor bandwidth consumption type of devices or set of devices. o The solution should be able to monitor real-time bandwidth and provide network usage statistics. **3. Log analytics and Correlations:** o The solution must provide near-real-time analysis of events. o The solution must support correlation of events from multiple vendor devices,	

appliances and applications enabling analysis and remediation of high priority threats.
o The solution must provide long term trend analysis of events.
o The solution must provide the ability to aggregate and analyse events based on user specified filters.
o The solution must provide alerting based on observed security threats from monitored devices.
o The solution must provide alerting based on observed anomalies and behavioural changes in network activity (flow) data
o The solution must provide alerting based upon established policy.
o The solution must support weighted alerts to allow for prioritization. Weights must be assignable based on multiple characteristics such as asset type, protocol, application, etc.
o The solution must provide a real-time event view of monitored information in raw/original as well as processed/parsed format.
o The analysis engine should be highly customisable to accept as many user defined use cases for security or policy violations.

4. <u>Investigation/Forensics Capability</u>:

o Perform Full Packet Capture and retrieval of network traffic.
o Support importing archived PCAP files for analysis.
o Highlight potentially malicious or suspicious content.
o Index all the data in the packets to simplify navigation across data silos.
o Enable search-driven data discovery of packet metadata AND content for incident analysis.
o Allow for retracing the activities of an entity in a chronological order.
o Perform full reconstruction of assets transferred, accessed and transmitted.

5. <u>Intelligence Feed</u>:

o The proposed solution must provide integration with commercial real-time "reputation" services that collect data from numerous sources and performs a threat assessment by generating actionable information in the form of data feeds. These include IP addresses, phishing data, malware hashes, open source data, and malicious domains. These correlated date and intelligence feed to alert and remediate advanced threats targeting critical OIL's infrastructure. This integration should provide automatic feeds and updates.

6. <u>Workflow for ticket management</u>:

o The solution must provide the ability to send notification of correlated alerts via well-defined methods (i.e. SNMP trap, email, etc.)
o The solution must provide embedded workflow capability that security operations staff can use to guide their work.
o The solution must provide a mechanism to capture all relevant aspects of a security incident in a single logical view. This view should include relevant events, network activity data, correlated alerts, vulnerability data, etc.
o The solution must provide a mechanism to annotate a security incident as it is addressed by the security operations staff.
o The solution must provide a mechanism to track security incidents across a wide range of relevant attributes (i.e. IP addresses, usernames, MAC address, log source, correlation rules, user defined, etc.). The user must be able to filter incidents along these defined

attributes.

7. <u>Dashboard (Reports, alerts)</u>:

o The solution must provide a real-time streaming view on a dashboard that supports full filtering capabilities.
o The 'Dashboard' should enable for quick visualization of security and network information. (EPS, Events (Nature wise), Reporting, Alerts, Analysis, network activity data, correlated alerts, vulnerability data etc.)
o The dashboard must display alerts based on observed anomalies and behavioural changes in network and security events.
o The solution must provide configurable reporting engine for customized report creation.
o The solution must support the ability to schedule reports.
o The solution must provide templates for the easy creation and delivery of reports at multiple levels ranging from operations to business issues.
o The solution must provide standard out-of-the-box reports for typical business and operational issues.
o The solution must provide the capability to provide historical trend reports.

8. <u>Data Archiving & Backups</u>:

o The solution should have easy interface and policy driven mechanism to archive log data online or offline.
o The solution should offer backup and restore mechanism of its application and log data.

<u>SIEM Solution Licensing Requirement</u>: The solution should be able to handle at least 2500 sustainable EPS and 10000 Peak EPS.

<u>ITEM NO. 40</u>

<u>INSTALLATION AND COMMISSIONING OF THE COMPLETE SOLUTION (QTY : 01 AU)</u>

<u>ITEM NO. 50</u>

<u>TRAINING (QTY : 01 AU)</u>

The bidder must impart training on the supplied solution in 2 (two) batches from OIL. Each batch will comprise of at least 4 IT personnel. The minimum duration of each training session must be of 5 days.

1. <u>The training content must include at least the following</u>:
o Features and capabilities of the supplied solution
o Administration and management of the supplied solution
o Troubleshooting and maintenance of the supplied product
o Lab sessions
o Installation and Configuration of the SIEM solution.

o Configuration of standard use case templates.
o Configuration of customised use case.
o Configuration of net flows.
o Dashboard Reporting and workflow customisation.
o Data archiving, backups and retrieving.

2. The bidder must arrange for necessary training infrastructure. The bidder is free to impart the training in any location of their choice in India. The training facility must be OEM authorized for imparting training on the offered solution. The training must be conducted by OEM certified instructor only.

3. Complete OEM published training material as per OEM curriculum must be provided either in hardcopy or softcopy to each participant. The training material provided must be standard course material provided as part of the course. The training material shall not be tailor-made for OIL.

4. Cost of transportation and accommodation of the OIL Personnel for training will be borne by OIL.

5. The training must be completed before commencement of the installation and commissioning of the solution.

6. Training cost has to be quoted separately.

ITEM NO. 60

ANNUAL MAINTENANCE FOR HARDWARE AND SOFTWARE FOR ENTIRE SOLUTION (QTY : 01 AU)

Annual Maintenance Services (AMS):

1. All the hardware and software items supplied to OIL for the solution shall be covered under **Comprehensive onsite AMS** provided directly by the **OEM** for a period of **5 (five) years** from the date of issue of commissioning certificate for the solution.
2. The bidder has to take care of all SIEM operational aspects like software configuration, backups, restorations, device addition etc. as part of AMS.
3. **AMS cost has to quoted separately, which will be considered for bid evaluation.** The bidder must mention the OEM part code for AMS services along with quantity in the unpriced bill of materials.
4. **OIL reserves the right to enter into a separate contract with the successful bidder for the AMS at the price and terms & conditions quoted in their offer against this tender. This contract shall be processed by OIL's Contracts deptt.**
5. The bidder must submit the AMS service agreement certificate from OEM (at the time of commissioning) to substantiate that the supplied items (indicating their serial numbers) are covered under AMS for the desired period.
6. During the AMS period, any failed device under AMS shall have to be repaired/ replaced with a new/ standby one within 120 hours of reporting the failure. Necessary configuration of the replacement device for proper operation of the device will be the responsibility of the bidder.
7. During the AMS period, any reported problem other than hardware failure shall have

to be resolved within 72 hours of reporting the problem.

8. Such replacement/repair activity shall not entail any additional cost to OIL apart from the fixed AMS fee payable quarterly.

9. The bidder must supply and implement any firmware/Operating System Update/software update/Patch released by the OEM during the AMS period for the offered solution. Such updates must be provided free of cost.

10. Remote assistance support must be provided within 2 hours of reporting any problem related to the supplied items. For problems which cannot be resolved over remote support, bidder's personnel must visit the site.

11. The bidder shall be responsible for transportation and accommodation of the bidder's personnel visiting the sites for resolution of any problem.

12. There will be a single point of contact for reporting any problem related to the offered solution. It must be possible to report problems over both phone and email or online. These details must be provided along with the escalation matrix along with the bid.

13. OIL must be able to directly contact the OEM for reporting any problem related to the offered solution.

14. AMS charges will be paid quarterly after completion of the quarter. The bidder must submit appropriate invoices to GM-IT, IT Department, Oil India Limited, Duliajan, Assam - 786602, on a Quarterly basis, clearly mentioning the OIL Purchase Order no. and period of billing.

ITEM NO. 70

MANAGED SECURITY OPERATION CENTER SERVICES REQUIREMENT (QTY : 01 AU)

The successful bidder will operate a remote Managed Security Operations Centre (MSOC) on the offered SIEM Solution for OIL on 24 X 7 X 365 basis. The MSOC operation will be for a period of 5(five) years from the date of issue of commissioning certificate for the solution.

MSOC Services cost has to quoted separately, which will be considered for bid evaluation. OIL reserves the right to enter into a separate contract with the successful bidder for the MSOC Services at the price and terms & conditions quoted in their offer against this tender. This contract shall be processed by OIL's Contracts deptt.

The following should be ideal MSOC governance structure for the MSOC.

MSOC Governance Structure/Matrix:
SOC Analyst L1 (Onsite, offsite) → SOC Security Lead L2 (Offsite) → SOC Head (Offsite)

Roles and Responsibilities of Resources part of Managed SOC:

SOC Head (L3) - Primarily accountable for the MSOC operations and activities. The MSOC head to manage resources including personnel, budget, shift scheduling and technology strategy to meet SLAs. MSOC Head to act as organizational point person for business-critical incidents; provides overall direction for the SOC and input to the overall security strategy. The SOC head is responsible for prioritizing work and organizing resources with the ultimate goal of detecting, investigating and mitigating

incidents that could impact the business.

SOC Lead (L2) - Performs deep-dive incident analysis by correlating data from various sources; determines if a critical system or data set has been impacted or compromised; advises on remediation; provides support for new analytic methods for detecting threats. SOC Lead should acts as an incident "hunter," not waiting for escalated incidents; they shall closely be involved in developing, tuning and implementing threat detection analytics.

SOC Analyst (L1) -   Continuously monitors the alert queue; manage security alerts; monitors health of security sensors and endpoints; collects data and context necessary to initiate SOC Lead work.

Managed SOC Deliverables:

A. Posting of one qualified (BE/MCA/MSc) security analyst onsite at Duliajan as SOC L1 resource duly trained by the OEM.
B. SIEM Platform management
C. SIEM Content Management
D. SIEM Monitoring and Operations

B. SIEM Platform Management:

• Understanding of Customer's environment system and process.
• Configuration changes to installed SIEM components
• Installation of log monitoring agents, connectors etc.
• Sending of alerts incident and events to various stakeholders as per escalation matrix
• Manage the setup for SIEM (Backup and other maintenance services)
• Regular backup
• Coordination with all stakeholders for requirement gathering and implementation
• SPOC from Log Management to understand various needs
• Setup a secure connectivity between Customer's environment and MSOC.
• Regular tracking of new updates and patches for SIEM software
• Risk assessment of patch implementation and planning of patch rollout
• OIL INDIA LIMITED to be informed within 2 weeks of new patch or version released by SIEM
• User addition, modification, deletion
• Implementation of role/ user based access control
• Configuration of SIEM components for enabling new devices to be added
• New device on boarding and configuration of Log collection agent
• Configuration of SIEM components for enabling new devices to be added
• Verification of log collection, log event normalization, filtering, aggregation
• Enabling use cases for monitoring and verification of use case configuration
• One-time configuration of SIEM components for event log retention and archival
• Periodic verification of retention operations
• Retrieval of archived logs as needed
• Monitoring of CPU/RAM/Disk Free space, EPS levels of SIEM components
• Monitoring status of Log collection agents, Log forwarders, Log archival agents
• Remedial action for any performance issues and failures
Notification to customer , for issues requiring assistance for remediation

C. <u>SIEM Content Management</u>:

• Review of currently deployed use cases
• Identification of new uses cases
• Deployment and verification of new use cases
• Modification to deployed use cases based on customer feedback
• Addition to use cases based on new threats
• Periodic review of use cases
• Quarterly review of deployed use cases

D. <u>SIEM Monitoring and Operations</u>:

• Monitoring of Alert use cases
• Raise service desk tickets for alerts (or send alerts as Email)
• Provide clarifications to OIL on alerts raised
• Update alert recipient list based on Oil India Limited input
• Generation of reports
• Review of reports for errors and discrepancies
• Submission of reports via Email or service desk Provide clarifications on submitted reports
• Generation of various reports
• Review of reports for errors and discrepancies
• Submission of reports via Email or service desk

<u>All Other Activities to be Covered Under SIEM Monitoring and Operations</u>:

<u>Routine General Operations</u>:

• Detection, analysis, and reporting of malicious network and host based activities identified through available log sources (network perimeter and internal enclaves).
• Triage behavioural and Indicator of Compromise(IOC) based event analytics, provide information on external source/destination, characteristics of the activity, and correlate with enriched analytics on external IP activity leveraging vendor's threat intelligence and analytics platform.
• Monthly Executive Summary of events analysed, detected activities, investigations, and notifications provided to the customer.
• Provide recommendations for further investigation and remediation actions.
• Comprehensive and customized monitoring, analysis, and reporting of available event data (network, host, and application) to monitor malicious including insider threat.
• Advanced triage of suspicious event activity, provide information on source and destination, risk-based impact with high degree of accuracy, characteristics of the activity, correlated with enriched analytics on external IP activity leveraging DPS's proprietary threat intelligence sharing and analytics platform.
• Provide recommendations for further investigation and remediation actions customized to environment.
• Dashboard customization to highlight risks based on customer asset information.
• Apply customized recommendations on monitoring content for NIDS, SIEM, E-mail Gateways to identify malicious activity related to behaviour and IOCs.
• Continuously monitor environment, provide general content on deviations from baseline activities related to specified common infrastructure such as internet gateway, e-mail gateway, VPN gateway.

• Coordinated Insider Threat monitoring program which incorporates a detailed approach devising anomalous content with internal research with application-specific subject matter experts (e.g. ISSOs, admins) to devise content based on known bad activities.
• Customisation of security use cases based on OIL's input.

Incident Response:

• Perform log analysis to facilitate trace back activity supporting the confirmation of the incident.
• Provide initial containment/eradication recommendations based on incident review.
• Provide a detailed analysis report on incident source, impact analysis, and recommendations future mitigation.
• Provide remote host-based analysis or malware reverse engineering.
• Interface directly with OIL's IT personnel in responding to critical incidents such as intrusions, malware outbreaks, or insider threat activity.
• After Action Report with detailed evaluation of organizational response, internal investigation efforts, and defensive security infrastructure implementations.
Incident Management:
• Conduct incident notification to authorized stakeholders
• Provide initial containment/remediation recommendations based on incident analysis.
• Track remediation actions by responsible customer entities and confirm completion prior to closure.
• Dashboard with near real time incident management data available 24x7.
• Weekly, monthly, and annual reporting
• Dashboard customization to highlight risks based on entity requirements.
• Trend analysis reporting to provide data on incident types and attack vectors to support organizational risk-based decision-making efforts.

Cyber Threat Intelligence Monitoring:

• Automated Continued monitoring of open and closed source cyber intelligence outlets for general threat information for general threat information with applicability to the customer environment.
• Correlation of threat intelligence specific with detective and preventative content including host-based and network-based of Indicators of Compromise (IOC) and behavioural attack data.
• Provide content recommendations customized to the customer operating environment.
• Continuously monitor specific application environment and identify application-specific anomalies.

Network Traffic Analysis:

• Monitor and report network traffic by collecting and analysing network flow records.
• Report bandwidth consumption of key users, protocols and systems to ensure robust service delivery.
• Tracking of network traffic by protocol to identify potential attack profiles such as UDP spikes.
• Report threshold-based alerting on conditions like traffic spikes or bandwidth usage policy violations.
• Application Analysis for Traffic. Incoming and outgoing traffic to be analysed to find

out the top applications generating traffic on the network.
• Real-time traffic reporting for network link.
• Traffic trends and user trends to identify peak usage hours, link utilization metrics. Reports of application usage, protocol usage, and more.
• Identifying top talkers and conversations in the network. Reporting which users and what applications are using maximum bandwidth.
• Monitoring and projecting traffic trends and usage patterns. To report trends in network traffic, and determine top applications and peak usage times.

Proactive Countermeasure Planning and Vulnerability Identification:

• The MSOC shall routinely review OIL's security posture and recommend necessary changes or adoption of new processes, tools, technologies etc.
• The MSOC shall record all vulnerabilities detected/observed with regard to monitored devices. The same are to be reported to OIL with necessary counter measures to be implemented.
Periodic Meeting of MSOC management with OIL's representative:
• A periodic formal meeting within a duration of 6 months will be held between MSOC management and OIL representative.
• All issues and activities relating to MSOC operations, new Use Case built up and all other activities will be reviewed during the meeting.

Periodic Reporting:

• The MSOC shall provide the following minimum periodic reports to OIL.
a. Summary of routine operations of the month.
b. Details of incident detection and response activities.
c. Vulnerability identification and recommendation.
d. Daily, weekly and Monthly reports.
e. Historical, geographical, analysis and custom reports.

MSOC SLA Matrix:

Sr No	Deliverables	SLA Requirement
1	Critical Event Notification	Maximum 10 Minutes
2	Alert Investigation and Resolution	6 Hrs.
3	Monthly Reports	By 5th Business Day of every month
4	Daily Service Summary	Every morning on the following day
5	Change Request Implementation/Attend Time	Critical: 2 Hours Standard: 6 Hours Minor: 24 Hours
6	Incident Response	2 Hours
7	Monitoring & Alerting	24 X 7 X 365
8	Ad-Hoc use case mapping	25 Nos per year

ITEM NO. 80	
ITEM NO. 80	
ANY OTHER ITEMS (QTY : 01 NO.)	
The bidder must quote any other items which is required to implement the solution but not explicitly mentioned in the tender.	

Special Terms & Conditions:

A)   General Terms and Conditions:

1   The Bidder shall be classified as an OEM or OEM authorized Managed Security Operations Centre (MSOC) provider for SIEM. In case the Bidder is OEM authorised MSOC provider, the bidder must submit OEM authorization letter (MAF) from their respective OEM to quote against this tender. MAF must include authorized personnel's contact details, Email address and Phone Number.

2   The offered SIEM Solution must feature in the Leaders/Challengers/Visionary segment of the "Gartner Magic Quadrant for Security Information and Event Management 2017 or latest. (The latest published Magic Quadrant will be considered).

3.   The bidder must have a managed SOC centre to operate and manage OIL's security operations as per scope of the work of this tender.

4.   The MSOC has to be authorised by the OEM.

5.   The bidder must have at least 5 years of operational experience of running the MSOC from the initial bid closing date.

6.   The bidder must currently be handling security operations of at least 3 public limited companies/PSUs/Government agencies.

7.   The proposed solution (including all the Hardware and software) must have minimum of five years of end of support from the date of bid closing. Respective OEM documentation (Hardware as well as software) to this effect must be submitted along with the bid. OEM's declared end-of-support literature must mention the availability of Hardware spares for next five years.

8.   The supplied hardware should have OEM support for minimum of 5 years.

9.   Supplied software will have perpetual license to OIL with 5 years of Annual Technical Support, including all version and patch upgrades, remote support, etc.

10.   Supplied Hardware and software will have Warrantee/AMS for 5 years from the date of commissioning.

11.   Any processes, documentations etc. would be intellectual property of OIL.

12.   The offered Hardware and all other Software like Systems Software, Backup Software, 3rd party software have to be certified by the SIEM OEM on the offered SIEM software solution.

13.   Bidder has to arrange for all accommodation, transportation facilities for all Personnel and resources required for implementation of the project at Duliajan.

B)   Delivery of Software, Hardware and Relevant Licenses:

1. Delivery of items must be completed within 90 days of placing the purchase order at Duliajan Assam.

2. The bidder must provide soft copy or hard copy of the OEM product documentation and configuration manual at the time of delivery.

3. The bidder must provide list of supplied inventory along with OEM serial number/service tag at the time of delivery.

4. All the required software licenses and content update licenses must be provided in soft or hard copy at the time of delivery.

5. All the supplied software licenses must be perpetual in nature without any requirement for renewal.

6. All the supplied content update licenses (e.g. threat intelligence etc.) must be valid for a period of 5 years from the date of successful commissioning of the solution.

7. Remote assistance support must be provided within 2 hours of reporting any problem related to the supplied items. For problems which cannot be resolved over remote support, bidder's personnel must visit the site.

C)   Installation, Commissioning and Configuration:

The offered SIEM solutions has to be installed and configured on site at Duliajan. The solution is to be configured in high availability mode having no single point of failure of hardware and software. Any additional hardware and software licenses required that are not explicitly mentioned in the tender document are to be provided by the bidder depending on his solution requirement to support OIL's SIEM functional requirement as laid in the scope of work.

The minimum asset list to be monitored by the SIEM solution initially are mentioned in **Annexure-I.**

Other Important Notes with regard to installation, commissioning and configuration:

a) Installation and commissioning cost must be quoted separately.
b) Installation and commissioning of the entire solution shall be completed within 90 days of delivery of equipment.

c) The bidder will be responsible for design, installation, configuration and integration of the solution as per Oil India Ltd.'s requirements fulfilling all tender specifications.

d) The bidder shall be responsible for any configuration changes required in the existing equipment like router, switches, firewall, load balancer etc. to integrate the solution with the existing infrastructure.

e) Installation and commissioning of the solution has to be carried out by the OEM.

f) All interconnecting cables, transceiver optics and required accessories must be supplied by the bidder.

g) Cable dressing and management with tagging - The bidder will be responsible for cable dressing and management with tagging for all the interconnecting cables within the solution scope. Necessary Cable ties, cable channels and cable lacing cord, tag marker etc. must be supplied by the bidder.

h) The bidder must provide documentation for installation and configuration after successful installation and integration of the solution. The documentation must include step-by-step procedures to configure the devices, schematic diagram of the solution showing details of the interconnection and OEM serial number, service tags of the supplied equipment. This document must be submitted to OIL prior to commencement of Acceptance Test.

i) *The installation and commissioning of the solution shall be deemed complete when all of the following requirements are met*:
1. Completion of delivery of all the items
2. Completion of installation, configuration and integration of assets
3. Submission and OIL's approval for all documentation deliverables as per the tender requirements
4. Successful completion of User Acceptance Test
5. Successful completion of training

j) The SIEM solutions will be handheld under the supervision of OEM expert onsite at Duliajan for 3 more months subsequent to the completion of installation, commissioning and configuration activities as mentioned above. During this period SIEM solution will further be monitored, tailored and customised as per OIL's requirement. This is required to give an initial picture of OIL's security landscape and posture.

k) OIL will issue commissioning certificate to the bidder after completion of the activities as mentioned above in clause (i).

Examples of Standard Security Use Case to be Configured During Initial Configuration:

The bidder will configure standard off-the-shelf use cases and reports to monitor and detect security events and incidents provided by the SIEM solution in consultation with OIL's security team. Few standard use cases to be configured are given below:

• Detection of Possible Brute Force Attack
• Acceptable Use Monitoring (AUP)
• Application Defence Check
• Expected Host/Log Source Not Reporting
• Unexpected Events Per Second (EPS) from Log Sources
• Unusual network traffic spikes to and from sources.
• Detection of Anomalous Ports, Services and Unpatched Hosts/Network Devices
• Abnormal authentication attempts, off hour authentication attempts
• Multiple sources(internal/external) making session requests for a particular user account during a given time frame
• Session duration, inactive sessions etc, using login session related data specifically from Windows server
• Connections Details
• Abnormal Administrative Behaviour
• Intrusion Detection and Infections

C.1) **User Acceptance Test (UAT)**

i.   The bidder shall carry out Acceptance Tests for the supplied hardware and software in the presence of OIL's personnel. The acceptance testing will be done at IT Department, Duliajan, Assam.
ii.   Acceptance tests will be done as per the UAT Plan and shall include the following:
a)   Physical Verification: All the received equipment will be powered on and physical specifications of the hardware supplied will be checked against the tender specifications
b)   Verification of physical connectivity, cable tagging and labelling
c)   Demonstration of all software licenses installed as per tender specifications
d)   Demonstration of all Dynamic load sharing functionalities as per the tender requirements
e)   Demonstration of configuration, logging, use case reporting functionalities etc. as per the tender requirements.

D) **Payment Terms:**

1.   Payment against the Hardware and software cost of the solution will be as per the following schedule:
(i)   70% of cost of HW and SW after delivery of material (hardware, software and licenses)
(ii)   30% of cost of HW and SW after issue of Commissioning Certificate for the solution by OIL **and** successful completion of training modules.
2.   Total training charges will be paid on submission of consolidated training invoice after successful completion of training modules.
3.   Installation and commissioning charges will be paid on submission of invoices after successful commissioning of the solution.
4.   AMS & Managed SOC charges will be paid quarterly after completion of the quarter. The bidder must submit appropriate invoices to GM-IT, IT Department, Oil India Limited, Duliajan, Assam - 786602, on a Quarterly basis, clearly mentioning the OIL Purchase Order no. and period of billing.

E)   **Penalty Terms**

1.   During the AMS period, any failed device/software shall have to be repaired/ replaced with a new/ standby device within 120 hours of reporting the failure. Necessary configuration of the replacement device for proper operation of the device will be the responsibility of the successful bidder. In case of failure on the part of the bidder to rectify the problem within 120 hours of reporting, a penalty of INR 5000.00 per day per device will be levied. However, maximum penalty in a quarter will not exceed 15% of the total cost of the equipment (hardware and software) in the solution.

2.   During the AMS period, any reported problem other than hardware failure shall have to be resolved within 72 hours of reporting the problem. In case of failure on the part of the bidder to rectify the problem within 72 hours of reporting, a penalty of INR 5000.00 per day per device will be levied.

3.   The SIEM infrastructure uptime availability has to be minimum of 99.8 % during the AMS period. A penalty of 0.5 % of quarterly fee would be levied for every 6Hrs of SIEM infrastructure downtime beyond admissible limit of 99.8% uptime.
4.   For MSOC operations the following penalty terms would apply:

a.   For all deliverables of MSOC SLA matrix - Delay for every 6Hrs beyond admissible limit, 0.5 % of quarterly fee would be deducted.
However, maximum penalty in a quarter will not exceed 15% of the total cost of AMS and MSOC operations.

F)   **NDA:** OIL Confidentiality and Non-Disclosure Agreement (NDA) will be applicable and bidder has to submit Non-Disclosure Agreement as per given format duly signed & Sealed by the authorized signatory of the bidder, along with the bid.

G)   **Bidder's Response Sheet:** The bidders should fill up and upload the enclosed Bidder's Response Sheet (Annexure-A) alongwith their offer.

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

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 **SDI8465P19** .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 Organization "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 h e/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 cartelization 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.

(3) The Bidder/Contractor signing Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will await their decision in the matter.

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.

> 4. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.

> 5. Integrity Pact, in respect of a particular contract, shall be operative from the date Integrity Pact is signed by both the parties till the final completion of the contract **or as mentioned in Section 9- Pact Duration whichever is later**. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings

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 Earnest Money Deposit / Bid Security.

(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 Security Deposit / Performance Bank Guarantee.

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 Principal will enter into Pacts on identical terms with all bidders and contractors.

2. The Bidder / Contractor undertake(s) to procure from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the provisions laid down in this agreement/Pact by any of its sub-contractors/sub-vendors.

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

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. However, the Independent External Monitor shall give an opportunity to the bidder / contractor to present its case before making its recommendations to the Principal.

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. The Arbitration clause provided in the main tender document / contract shall not be applicable for any issue / dispute arising under Integrity Pact.

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 intensions.

A J SARMAH
SR MANAGER MATERIALS (IP)
....
For the Principal   **For the Bidder/Contractor**

                             Witness 1: ....

                             Witness 2: ....

Place. DULIAJAN
Date . 01.07.2018

NON-DISCLOSURE AGREEMENT

BETWEEN

Oil India Ltd (OIL), a company incorporated under the Companies Act, 1956 and having its registered office at Duliajan, Assam – 786602, hereinafter referred to as **"OIL"** (which expression shall unless it be repugnant to the context or meaning thereof, mean and include its successors in office and assignees) of the **ONE PART** and

AND

_____ a company incorporated under the Companies Act, 1956 having its registered office at _____. (hereinafter referred to as "_____" which expression unless repugnant to the context or meaning thereof be deemed to include its successors and assigns) of the **SECOND PART**;

OIL and _____ are hereinafter collectively referred to as the "Parties".

WHEREAS, the Parties intend to engage in discussions and negotiations concerning the establishment of a business relationship between themselves. In the course of such discussions and negotiations, it is anticipated that each Party may disclose or deliver to the other certain or some of its trade secrets or confidential or proprietary information, for the purpose of enabling the other party to evaluate the feasibility of such business relationship (hereinafter referred to as "**the Project**").

The Parties wish to ensure that all such confidential information disclosed by either party will be held by the party who has received it in confidence and used solely in connection with their cooperation.

NOW, THEREFORE, in consideration of the foregoing premises, and the mutual covenants contained herein, the Parties hereby agree as follows:

ARTICLE 1. DEFINITION

For the purpose of this Agreement,

ARTICLE-1: CONFIDENTIAL INFORMATION

"Confidential Information" shall mean and include any information of any nature (commercial, technical, marketing, financial, etc.) in any form including but not limited to copy, abstract, sample, note or module, disclosed by either party (the "Disclosing Party") to the other party (the "Receiving Party") within the scope of the Project, whether such information are disclosed through written documents, electronic transmissions, orally or visually, and without it being necessary for the Disclosing Party to specify the confidential nature of such information.

ARTICLE 2. CONFIDENTIALITY

2.1 The Receiving Party hereby agrees to consider and treat as strictly confidential, during the term of this Agreement, the Confidential Information of the Disclosing Party. This paragraph shall survive after any expiration or termination of this Agreement and shall bind Receiving Party, its employees, agents, representatives, successors, heirs and assigns.

The Receiving Party agrees in particular:

i)   not to publish in any manner or otherwise disclose to any third party any Confidential Information or part of it, and to treat all Confidential Information at least with the same degree of care as it applies to its own files of a confidential nature;

ii) not to use Confidential Information, even partially, for the benefit of any third party or for its own account (except for the sole purpose of the business arrangement described in the recitals above);

iii) not to decompile, disassemble, decode, reproduce, redesign, reverse engineer or manufacture any information, code, process, products or equipment of the Disclosing Party or any part thereof; and

iv) to disclose Confidential Information only to those of its employees and Affiliates who have a reasonable need to know in connection with the business arrangement described in the recitals above, to inform such employees of the confidential nature of the Confidential Information, and to cause them to comply with any and all terms of this Agreement.

v) to disclose confidential information to consultants engaged by receiving Party provided such consultant also executes a Non-Disclosure Agreement with the receiving party that contains terms and conditions that are no less restrictive than these and with the prior consent of the disclosing party.

2.2 Neither **OIL** nor _____ shall disclose to the public or to any third parties (i) the fact that the cooperation described in the recitals above is taking place between them, or (ii) the fact that Confidential Information have been made available to it or that it

has inspected any portion of the Confidential Information, without the prior written consent of the other party, unless required to do so by applicable law or regulation.

In the latter case, prior to disclosure of any information concerning the existence of the cooperation, the party obliged to make a disclosure shall inform the other party of the reason and proposed content of such disclosure and shall written consent thereon.

ARTICLE 3. EXCEPTIONS

The obligations set forth in **Article 2** of this Agreement shall not apply to Confidential Information which:

i) is in the public domain at the time of its disclosure by the Disclosing Party or thereafter falls into it without any breach of this Agreement (and, in that case, only from the date on which it fell into the public domain) ;

ii) was known by the Receiving Party prior to its disclosure by the Disclosing Party, provided that the Receiving Party gives proper evidence of such prior knowledge; or

iii) has been rightfully obtained by the Receiving Party from a third party without any breach of a confidentiality obligation towards the Disclosing Party; or

iv) has been independently discovered or developed by the Receiving Party without using Confidential Information, so long as such independent discovery or development can be documented and verified.

v) is required to be disclosed as per any law in force in India or under order of any competent court.

Confidential Information shall not be deemed to be or fall within exceptions i) to v) merely because it is embraced by more general information in the public domain or by more general

information thereafter acquired or developed by the Receiving Party. In addition, any combination of features/items/information/data shall not be deemed to be within the foregoing exceptions merely because individual features/items/information/data are in the public domain or in the possession of the Receiving Party.

ARTICLE 4. RETURN OF DOCUMENTS

Upon the expiration of this Agreement, or at the Disclosing Party's request, the Receiving Party shall promptly return to the Disclosing Party all documents including but not limited to copies, abstract, extracts, samples, notes or modules embodying Confidential Information of the Disclosing Party, or, at the option and direction of the Disclosing Party, destroy all copies of the Disclosing Party's Confidential Information and certify in writing that such copies have been duly destroyed. Until that date, the Receiving Party shall keep such documents in a place permitting both their secrecy and their rapid recovery.

ARTICLE 5. NO OTHER RIGHTS OR OBLIGATIONS

5.1 Notwithstanding the disclosure of any Confidential Information by the Disclosing Party to the Receiving Party, the Disclosing Party shall retain title and all intellectual property and proprietary rights in the Confidential Information. No license under any trademark, patent or copyright, or application for same which are now or thereafter may be obtained by such Party is either granted or implied by the conveying of Confidential Information. The Receiving Party shall not conceal, alter, obliterate, mutilate, deface or otherwise interfere with any trademark, trademark notice, copyright notice, confidentiality notice or any notice of any

5.2 Nothing in this Agreement shall be construed as granting or conferring to either party any rights by license or otherwise in the Confidential Information, except as expressly provided herein.

5.3 Nothing in this Agreement shall be construed as (i) obligating either party to disclose any information which it does not wish to disclose, or (ii) obligating either party to accept any offer or enter into any agreement between the Parties.

5.4 Other proprietary right of the Disclosing Party on any copy of the Confidential Information, and shall reproduce any such mark or notice on all copies of such Confidential Information. Likewise, the Receiving Party shall not add or emboss its own or any other any mark, symbol or logo on such Confidential Information.

ARTICLE 6. NO WAIVER OF RIGHT ON DELAY

6.1 No delay or omission by either party in exercising any rights under this Agreement will operate as a waiver of that or any other right. A waiver or consent given by either party on any one occasion is effective only in that instance and will not be construed as a bar to or waiver of any right on any other occasion.

ARTICLE 7. APPLICABLE LAW – JURISDICTION

7.1 All disputes arising in connection with this Agreement, if not settled amicably by the Parties, shall be finally settled under the provisions of the Indian Arbitration and Conciliation Act, 1996 by three arbitrators appointed in accordance with the said Act.

7.2 The arbitration shall be conducted in English. The arbitral tribunal shall have its seat in **Guwahati** or any other place as may be mutually agreed by both the parties. The arbitration award shall be final and binding on the Parties, and the Parties agree to be bound thereby and to act accordingly. The costs of arbitration shall be borne by the party as provided in the Act.

7.3 The Courts of **Dibrugarh** shall only have the jurisdiction for the purpose of this Agreement

ARTICLE 8. DURATION

This Agreement shall come into force on the date written hereunder, and shall remain in force for a period of **four (4)** years starting from such date. The obligations set forth in Article 2 hereof shall survive the expiration of this Agreement for the period specified in such Article.

ARTICLE 9. COMPLETE   AGREEMENT

The Parties agree that this Agreement (i) is the complete and exclusive statement between the Parties with respect to the protection of the confidentiality of Confidential Information, (ii)

supersedes all related discussions and other communications between the Parties, and (iii) may only be modified in writing by authorized representatives of the Parties.

ARTICLE 10. PUBLICATIONS

Neither Party shall make news releases, public announcements, give interviews, issue or publish advertisements or publicize in any other manner whatsoever in connection with this Agreement, the contents/provisions thereof, other information relating to this Agreement, the Purpose, the Confidential Information or other matter of this Agreement, without the prior written approval of the other Party.

ARTICLE 11. REMEDIES

The Receiving Party acknowledges that if the Receiving Party fails to comply with any of its obligations hereunder, the Disclosing Party may suffer immediate, irreparable harm for which monetary damages may not be adequate. The Receiving Party agrees that, in addition to all other remedies provided at law or in equity, the Disclosing Party shall be entitled to injunctive relief hereunder.

IN WITNESS WHEREOF the Parties have caused this Agreement to be executed by their duly authorized representatives on the date written hereunder.

Made on _____, at _____(Place)

On behalf of OIL   **On behalf of _____**

Signature :_____   Signature :_____
Name: Name:
Designation: Designation:

Annexure-I

Initial asset List to be included in SIEM Solution

Device Name	Vendor	Version	Number of Devices
Router(SD-WAN)	CISCO		20
Router (Radio)	CISCO		70
Router (VSAT,MPLS)	CISCO		2
L3 switches (Distribution, Core)	CISCO/Juniper		4
L2 Switches (Access)	CISCO/BROCADE		150
Firewall	CheckPoint		2
Link Load Balancer	A10		1
Windows 12/8 Server (Commercial)	Microsoft		30
Linux/Unix Servers	Red hat, AIX, Ubuntu		7
Windows 12/8 Server (Technical Systems)	Microsoft		5
Windows 12/8 Server (Email)	Microsoft		70
Windows 12/8 Server (AD)	Microsoft		10
Oracle 12c (CS)	Oracle		4
Apache/Tomcat (TS)	Apache		2
MySQL	My SQL		1
IIS	Microsoft		15
Anti Virus	Symantec		1
ESXi(TS)	VMWare		1
Linux Servers(Technical System)	Red Hat		4
Oracle 11g (TS)	Oracle		4
SQL server	Microsoft		4
HP Unix (ERP)	HP		16
Windows 12 (ERP)	Microsoft		6
SAN Switch (ERP)	HP	SN6000B 16Gb 48/24 FC	2
TOR Switch (ERP)	HP	HP 5820X-24XG-SFP+	2
Total			**433**

	Specification in the Tender	Bidder's Response	Does the product meet this specification? (Yes/ No)	Reference to relevant section in the technical documentation/OEM Website, wherever applicable
	1. Rack Mount Servers - Qty 1 set (Consisting of Min 02 numbers)			
	General Requirement			
1	Bidder must specify Make and Model number of the Rack mount server offered in the bid. Relevant product datasheet must be submitted along with the bid.			
2	Form factor : 2 RU 30 inch Rack-mountable. Necessary rail kit for mounting to be supplied along with the hardware.			
3	Design:The design should be such that the failure of one physical server or one virtual machine does not impact the overall functionality of the entire solution. The bidder has to specify the number of physical servers needed to meet this requirement.			
4	Total quantity to be supplied : To be proposed by the bidder.

Delivery details:
a) Quantity - 01 set
Address: Oil India Limited,
Materials Department,
Duliajan, Assam - 786602 | | | |
	Technical Specifications			
1	**CPU**			
	28-core latest generation 64 bit Intel Xeon processor.			
	Clock Speed : 2.60 GHz or higher			
	L3 Cache : 40 MB or higher			
	Minimum 9.6 GT/s QPI			
	TDP 145 Watts maximum			
2	**Memory**			
	8x16 1866 MHz RDIMM8 with at least 2 slots free for future upgradation			
	Installed : 128 GB			
3	**Storage**			
	SAS 7.2 K rpm, 40 TB usable (Raid 6)			
4	**Network**			
	1 No. 2-Port Emulex 8Gb FC			
	1 No. 10/100 Base-T integrated management module interface			
	2 Nos 10 Gbps SFP+ ports			

	2 Nos. 10/100/1000 Base-T networking monitoring interface			
	1 No 10/100/1000 Base-T Management Interface			
5	**Video Adaptor**			
	Integrated Graphics with at least 8 MB Video Memory			
6	**Ports and Drive Bay**			
	Minimum 1 number of VGA port			
	Minimum two number of USB 2.0/3.0 port			
7	**Management**			
	OEM embedded controller with IPMI 2.0 compliance and Server Management Tool from same OEM			
8	**OS Support**			
	Microsoft Windows Server 2012 R2 and 2016			
	Red Hat Enterprise Linux			
9	**Power Supply and Cooling**			
	Fully redundant and all populated hot swap variable speed blowers/fans			
	Power Supplies shall be hot swappable and shall be supplied in adequate numbers so as to ensure 1+1 redundant power supply sufficient to power the server			
	Single Phase 230 V AC 50 Hz			
	India Standard Power Pin			
10	**License (if any)**			
	If any of the specification listed above requires purchase of separate software license apart from the base hardware, it must be specified in the technical specification response sheet.			
	The bidder must supply the necessary software licenses to meet the stipulated specifications.			
	The software license provided by the bidder must be perpetual in nature; there must not be any requirement for renewal of the license.			
	2. Backup Solution			
1	Signle Drive (8 Gbps FC) robotic tape library supporting LTO 7 tape.			
2	Minimum 24 slots			
3	Up to 300 MBps native with LTO Ultrium 7			
4	Facility for remote library management through a standard web interface			
5	Attachment Support: 8 Gbps Fibre Channel, 6 Gbps SAS interfaces			
6	25 Nos. RW LTO 7 Tapes along with 1 No. Cleaning Tape to be supplied with the solution.			

7	Backup and Recovery software with adequate client licenses should be supplied and implemented with the Solution to meet the following requirements: 1. Backup and recovery of SIEM logs including Backup schedule facility 2. Web based management system fo day to day activities, report generation, status check, recovery, etc. 3. To have catalog database, having details of indices, archives, backups etc.			
8	Native support for Windows, Linux			
	Any other Items			
1	The bidder must quote any other items which is required to implement the solution but not explicitly mentioned in the tender			

		Technical Bid Checklist	Annexure-EEE	

Tender No.

Bidder's Name :

SL. NO.	BEC / TENDER REQUIREMENTS	Compliance by Bidder	
		Indicate 'Confirmed' / 'Not Confirmed' / Not applicable	Indicate Corresponding page ref. of unpriced bid or Comments
1	Confirm that validity has been offered as per NIT.		
2	Confirm that Bid Security / Earnest Money has been submitted as per NIT (Wherever Applicable) ?		
3	Confirm that you shall submit Performance security (in the event of placement of order) (Wherever Applicable) ?		
4	Confirm that duly signed Integrity Pact has been submitted as per NIT (Wherever Applicable) ?		
5	Confirm that you have submitted documentary evidence of successfully executing one Purchase order as stipulated in NIT in any of the preceding 5 financial years (*)		
6	Confirm that you have submitted Balance Sheet and Profit and Loss Account of any of the preceding 3 financial years certified by a chartered accountant.		
7	Confirm that the bid has been signed using Class 3 digital certificate with Organisation's Name as per NIT.		
8	Confirm that you have not taken any exception/deviations to the NIT .		

NOTE: Please fill up the greyed cells only.

(*) Purchase Orders along with copies of any of the documents in respect of satisfactory execution of the Purchase Orders should be submitted – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Receipted Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory execution of the purchase order cited above.

Tender No.	
Bidders Name	

Bidders Response Sheet

Sl No.	Description	Remarks
1	Place of Despatch	
2	Whether Freight charges have been included in your quoted prices	
3	Whether Insurance charges have been included in your quoted prices	
4	Make of quoted Product	
5	Offered Validity of Bid as per NIT	
6	Bid Security Submitted (if applicable)	
6	Details of Bid Security Submitted to OIL (if applicable)	
	a) Bid Security Amount (In Rs):	
	b) Bid Security Valid upto:	
7	Whether you shall submit Performance Security in the event of placement of order on you (if applicable)	
8	Integrity Pact Submitted (if applicable)	
9	Whether you have submitted documentary evidence of successfully executing one Purchase order as stipulated in NIT in any of the preceding 5 financial years (*)	
10	Whether you have submitted Balance Sheet and Profit and Loss Account of any of the preceding 3 financial years certified by a chartered accountant.	
11	Delivery Period in weeks from placement of order	
12	Complied to Payment terms of NIT (if applicable) otherwise to Standard Payment Terms of OIL or not.	
13	If bidder is MSE whether you have quoted your own product	
14	If Bid security submitted as Bank Guarantee, Name and Full Address of Issuing Bank including Telephone, Fax Nos and Email id of branch manager	

NOTE: Please fill up the greyed cells only.

(*) Purchase Orders along with copies of any of the documents in respect of satisfactory execution of the Purchase Orders should be submitted – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Receipted Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory

(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.**