

SUPPLY OF COATING MATERIALS (PETROLATUM) FOR PIPELINE REHABILITATION PROJECT

Project No. P.010416
Tender No. SGG6455P18

Oil India Ltd, Assam
ASSAM | INDIA

PUBLIC

27 November 2017

TECHNICAL DOCUMENTATION

Tender, Rev. 0

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INVITATION TO e-BID UNDER SINGLE STAGE TWO BID SYSTEM

OIL Tender No. & Date	: SGG6455P18 dated 27.11.2017
Tender Fee	: INR 30,000.00 OR USD 500.00
	Tender fee should be paid only through the payment gateway available on OIL's e-Tender Portal before last date of sale of tender document i.e. 20.12.17. No other mode of payment shall be accepted.
Bid Security	: INR 13,30,000/- OR USD x x ,xxx/-
Bidding Type	: SINGLE STAGE TWO BID SYSTEM
Bid Closing on	: 27.12.2017 at 11.00 HRS (IST)
Bid Opening on	: 27.12.2017 at 14.00 HRS (IST)
Last date for downloading of bid document:	20.12.2017
Bid Validity	: Bid should be valid for 120 days from bid closing date.
Bid Bond Validity	: Bid Bond should be valid up to 60 days beyond the bid validity i.e. upto 24. 06.2018 (Please submit bid bond as per format only)
Performance Guarantee	: Applicable @ 10% of order value.
Integrity Pact	: Applicable (As per format of OIL attached as Annexure –EE)
Pre-bid Meeting	: NOT APPLICABLE

OIL INDIA LIMITED invites electronic bids under SINGLE STAGE TWO BID System through its e-procurement site for supply of Coating materials as specified in bid document for Pipeline Rehabilitation Project.

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

A. STANDARD NOTES

1.0 The tender will be governed by “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) including Amendments & Addendum to “General Terms & Conditions” for e-Procurement.

2.0 This Bidding document consists of:

- I. Annexure AA : Technical Specifications
- II. Annexure BB : Bid Rejection Criteria / Bid Evaluation Criteria
- III. Annexure CC : Forms
- IV. Annexure DD : Bank Details
- V. Annexure EE : Integrity Pact

MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) have been uploaded separately in the Technical RFx -> External Area -> Tender Documents. Please treat Bid Rejection Criteria / Bid Evaluation Criteria (Section D) attached in MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) as VOID.

Bidders to submit their bid in line with requirement defined in MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) including Amendments & Addendum to “General Terms & Conditions” for e-Procurement .

3.0 **GUIDELINES FOR PARTICIPATING IN OIL’S E-PROCUREMENT:**

3.1 To participate in OIL’s E-procurement tender, bidders should have a legally valid digital certificate **of Class 3 with Organizations Name and Encryption certificate** as per Indian IT Act from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India (<http://www.cca.gov.in>). **Digital Signature Certificates having “Organization Name” field as “Personal” are not acceptable.**

3.2 Bidders must have a valid User ID to access OIL’s e-Procurement site for submission of bid. Vendors having User ID & password can purchase bid documents **on-line through OIL’s electronic Payment Gateway before last date of sale of tender document i.e. 20.12.17.** New vendor shall obtain User ID & password through online vendor registration system in e-portal and can purchase bid documents subsequently in the similar manner **before last date of sale of tender document i.e. 20.12.17.**

3.3 Parties, who do not have a User ID, can click on **Guest** login button in the E-portal to view and download the available open tenders. **The detailed guidelines are available in OIL’s e-procurement site (Help Documentation).** For any clarification in this regard, bidders may contact E-Tender Support Cell at Guwahati at erp_mm@oilindia.in, Ph.: 0374- 2807178/4903. The link to OIL’s E-Procurement portal has also been provided in OIL’s web site (www.oil-india.com)

NOTE: PSUs and SSI units are provided tender documents Free of Cost (as per Govt. guidelines), however they have to apply to OIL’s designated office to issue the tender documents before the last date of sale of tender document mentioned in the tender.

4.0 Bid Security can also be paid through payment gateway in the e -tender portal. Please refer to Vendor User Manual updated in the e-tender portal as well for further details.

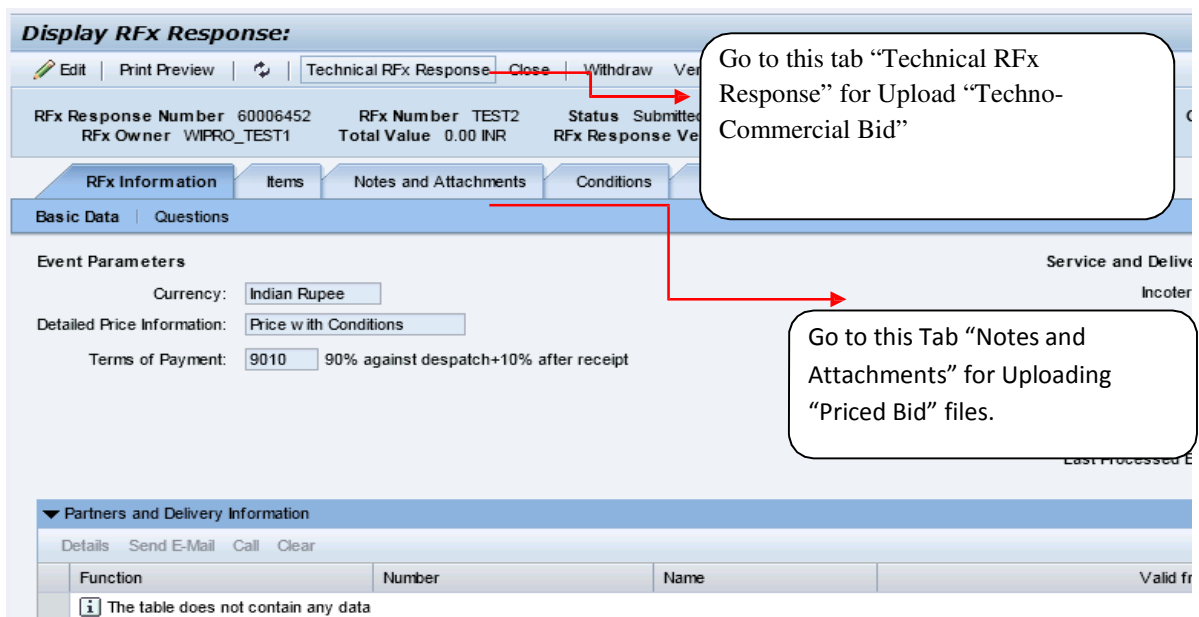
5.0 Custom duty shall be applicable against this tender. Indigenous bidders are requested to quote non Deemed Export prices.

6.0 Please note that all tender forms and supporting documents are to be submitted through OIL’s e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribed with Tender no. and Due date to The Chief Materials Manager (PL), Oil India Limited (Pipeline Headquarter), P.O. Udayan Vihar, Guwahati -781171 before 14.00 Hrs. IST on the Bid Closing Date mentioned in the Tender.

- Original Bid Security.
- 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 authorized signatory of the bidder and to be submitted in triplicate.

- 7.0 In case of SINGLE STAGE-TWO BID SYSTEM, bidders shall prepare the “Techno-commercial Unpriced Bid” and “Priced Bid” separately and shall upload through electronic form in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The “Techno-commercial Un-priced Bid” shall contain all technical and commercial details except the prices which shall be kept blank. Details of prices as per Bid format / Commercial bid to be uploaded as attachment in the Attachment Tab “Notes and Attachments”. A screen shot in this regard is given below. Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender.

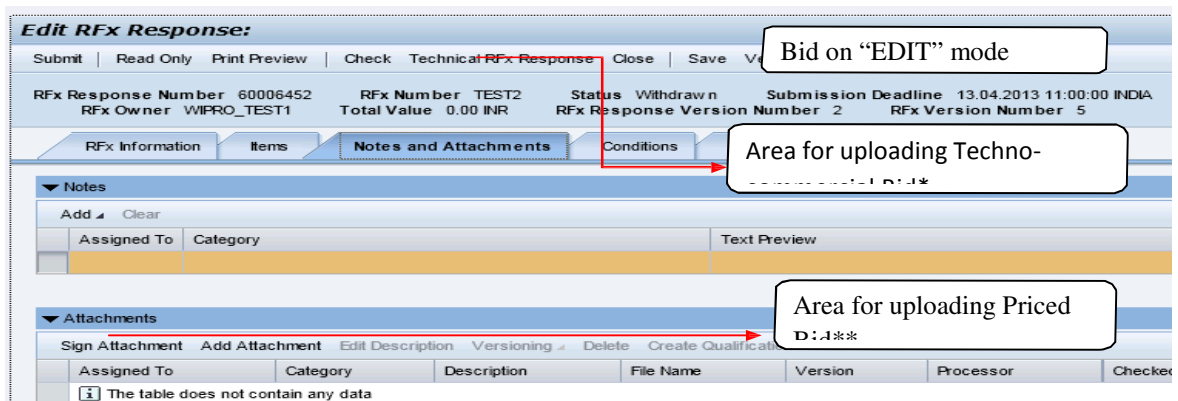


Display RFX Response:

Go to this tab “Technical RFX Response” for Upload “Techno-Commercial Bid”

Go to this Tab “Notes and Attachments” for Uploading “Priced Bid” files.

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



Edit RFX Response:

Bid on “EDIT” mode

Area for uploading Techno-Commercial Bid

Area for uploading Priced Bid

- 8.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the NIT or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in rejection of its offer without seeking any clarifications.
- 9.0 All the Bids must be Digitally Signed using “Class 3” digital certificate (e-commerce application) with organisation name as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India.
- 10.0 Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that all documents which are to be submitted in a sealed envelope are also submitted at the address mentioned in note 6.0 above before 14:00 Hrs (IST) on the bid closing date failing which the offer shall be rejected.
- 11.0 Two Bid System shall be followed for this tender and only the price-bids of the bidders whose offers are commercially and technically acceptable shall be opened for further evaluation.
- 12.0 Other terms and conditions of the tender shall be as per General Terms and Conditions for Global Tender (MM/GLOBAL/E-01/2005). However, if any of the clause of the Bid Rejection Criteria / Bid Evaluation Criteria (BEC / BRC) contradicts the clauses in the General Terms & Conditions of Global Tender of the tender and/or elsewhere, those mentioned in the BEC / BRC shall prevail.
- 13.0 In the event of receipt of only a single offer against the tender within B.C. date, OIL reserves the right to extend the B.C. date as deemed fit by the Company. During the extended period, the bidder who has already submitted the bid on or before the original B.C. date shall be permitted to revise their quotation.
- 14.0 To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer may be summarily rejected.
- 15.0 The Integrity Pact is applicable against this tender. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure EE of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL’s competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder’s authorized signatory who sign the Bid. The name of the OIL’s Independent External Monitors at present are as under:
- SHRI RAGHAW SHARAN PANDEY, IAS
(Retd.),
Former Secretary, MOP & NG,
e-Mail ID : rspandey_99@yahoo.com
- SHRI RAJIV MATHUR,
IPS (Retd.)
Former Director, IB,
Govt. of India,
e-Mail ID : rajivmathur23@gmail.com
- SHRI JAGMOHAN GARG,
Ex-Vigilance Commissioner, CVC
e-Mail id : jagmohan.garg@gmail.com
- 16.0 No press advt. will be published regarding amendment to Bidding Document or extension of Bid Closing Date. The same will be uploaded in OIL’s website and informed to all prospective bidders who have received the bidding documents. Bidders to keep themselves updated.
- 17.0 BRIEF SCOPE OF WORK
- The Scope includes Manufacture, Inspection, Testing, Supply and Transportation & unloading at OIL’s stores / site if applicable of the following Coating materials, meeting other technical requirements as specified in bid document including preparation and submission of documents, getting approvals from Purchaser/ Consultant, Procurement of raw materials, Manufacturing, Testing & Inspection , Packing & Forwarding, Supply and Transportation & Unloading at OIL’s sites / stores located in Bihar, West Bengal and Assam States as per the tender terms & conditions,

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Sr. No	ITEM NO. MATERIAL CODE	MATERIALS DESCRIPTION	QTY	UNIT
		Manufacture, Inspection, Testing, Packing, Supply and transportation to site, if applicable, of following coating materials as specified in bid document.		
1.0		PETROLATUM / WAX TAPE COATING SYSTEM		
1.1		Paste	9077	Kg
1.2		Inner wrap	57045	Sq. Mtr
1.3		Outer Wrap	58083	Sq. Mtr
2.0		PETROLATUM / WAX COATING SYSTEM FOR BLOCK VALVES		
2.1		Paste	1187	Kg
2.2		Mastic	33150	Kg
2.3		Inner wrap	3205	Sq. Mtr
2.4		Outer Wrap	6410	Sq. Mtr

Note:

- Bidder must quote for all line items. Bid submitted for part line item, shall be considered as non-responsive and liable to be rejected.
- Bidder must quote for full quantity of each line item. Bid submitted for part quantity of any line item shall be considered as non-responsive and liable to be rejected
- The quantities mentioned above are indicative and are for evaluation purpose only. OIL reserves the right to change the quantity of any or all line items plus minus 20% of tendered quantities during execution of order.
- Evaluation and ordering will be carried out on overall basis means for complete scope of work.

18.0 DURATION OF CONTRACT

The duration of contract shall be three (3) years from the date of issuance of Letter of Award (LOA). The entire supply shall be completed as per instruction of the Purchaser.

19.0 DELIVERY SCHEDULE

- 19.1 The supply of coating materials shall be completed in three lots as per "Delivery Schedule" attached as Annexure I for Indian Bidders and Annexure II for foreign bidders attached to NIT.

The quantities indicated for each month in Annexure I and Annexure II are indicative only. OIL reserve the right to change the delivery of monthly quantity as per site requirement during execution stage by giving three month notice without any financial implication.

19.2 DELIVERY TERMS

- 19.2.1 **Foreign Bidder:-**The delivery term shall be FOB, International port of exit in bidder country and **Date of Bill of Lading** shall be considered as date of delivery.

- 19.2.2 **Indian Bidder:-**The delivery term shall be FOT Despatch Station or FOT destination. OIL reserves the right to place order on FOT Despatch Station or FOT Destination (Oil store) basis. Accordingly Date of Lorry receipt/ Goods receipt or Date of delivery of materials at destination (OIL's stores) will be considered as Date of Delivery.

20.0 PRE-BID MEETING

20.1 Not Applicable

21.0 INSPECTION

21.1 The inspection shall be carried out by Purchaser / Purchaser representative at bidder's works / sub-contractor's works as per approved QAP and tender specifications and inspection charges will be borne by Purchaser (OIL). However in case where ever inspection is to be carried out by supplier only then supplier will bear the inspection expenses.

22.0 PURCHASE PREFERENCE POLICY (LINK WITH LOCAL CONTENT) (PP-LC)

MoP & NG has notified Government policy for providing Purchase Preference (linked with local content) (PP-LC). In this tender, target for local content is 20%. Bidders having local content of 20% or more in overall quoted price of each group separately will be eligible for Purchase Preference.

22.1 In case a bidder is eligible to seek benefits under PP-LC policy as well as Public Procurement Policy for MSEs- Order 2012, then the bidders should categorically seek benefits against only one of the two policies i.e. either PP-LC or MSE policy. If a bidder seeks free of cost tender document under the MSE policy, then it shall be considered that the bidder has sought benefit against the MSE policy and this option once exercised cannot be modified subsequently.

22.2 Bidders seeking Purchase preference (linked with Local Content) (PP-LC) shall be required to meet / exceed the target of Local Content (LC) of 20%.

22.2.1 *Such bidders shall furnish following undertaking from the manufacturer on Manufacturer's letter head along with their techno-commercial bid. The undertaking shall become a part of the contract.*

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

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

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

Note :

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

- 22.2.3 At the bidding stage the bidder shall provide Break-up of “Local Component” and “Imported Component” in the prescribed format enclosed as Annexure -A (attached to NIT) of the policy document and submit / uploaded(in the e-procurement portal in case of e-tender) along with their price. .
- 22.3 Eligible (techno-commercially qualified) LC bidder shall be granted a purchase preference of 10% i.e. where the evaluated price is within 10% of the evaluated lowest price of Non Local Content (NLC) bidder, other things being equal. Accordingly, purchase preference shall be granted to the eligible (techno-commercially qualified) LC bidder concerned, at the lowest valid i.e. NLC price bid.
- 22.3.1 Only those LC bidders whose bids are within 10% of the NLC L1 bid would be allowed an opportunity to match L1 bid. All the eligible LC bidder shall be asked to submit their confirmation to match their price in sealed envelopes. Envelopes of the bidders shall be opened and award shall be made to the lowest evaluated TA/CA (Techno-Commercially Acceptable) bidder among the eligible LC bidders. In case the lowest eligible LC bidder fails to match L1 price, the next eligible LC bidder will be awarded the prescribed quantity and so on. In case none of the eligible LC bidders matches the L1 bid, the actual bidder holding L1 price will secure the order.
- 22.4 Order for supply of 50% of the tendered quantity would be awarded to the lowest techno-commercially qualified LC bidder, subject to matching with valid NLC L1 price. The remaining quantity will be awarded to L1 (i.e. NLC bidder). Prescribed 50% tendered quantity for LC bidders shall not be further sub-divided among eligible LC bidders.
- 22.4.1 However, if L1 bidder happens to be a LC bidder, the entire procurement value shall be awarded to such bidder.
- 22.4.2 When the tendered goods/services cannot be divided in the exact ratio of 50% / 50% then OIL reserves the right to award on lowest eligible PP-LC bidder for quantity not less than 50% as may be dividable.
- For example
- In case tendered quantity is 3 (not divisible in the ratio of 50:50), PP-LC bidder shall get order for 2 nos. only and the rest will go to L-1 (NLC bidder).
- OR
- (Alternate clause applicable for cases where tendered quantity cannot be divided).
- 22.5 The tendered quantity is not splittable / non-dividable / cannot be procured from multiple sources. Hence, the entire procurement value shall be awarded to the lowest techno-commercially qualified LC bidder subject to matching with valid NLC L1 rates.
- 22.6 For the purpose of this policy, all terms used vide aforesaid policy shall be governed by the definitions specified at para 2 of the policy document notified by MoPNG vide letter No. O-27011/44/2015-ONG/II/FP dated 25.04.2017.
- 22.7 The successful bidder shall be obliged to fulfill the requirements of quality and delivery time in accordance with the provisions of the Purchase order/contract.
- 22.8 OIL shall have the right to satisfy itself of the production capability and product quality of the manufacturer.
- 22.9 Determination of LC
- 22.9.1 LC shall be computed on the basis of the cost of domestic components in goods compared to the whole cost of product. The whole cost of product shall be constituted of the cost spent for the production of goods, covering direct component (material) cost, direct manpower cost, factory overhead cost and shall exclude profit, company overhead cost and taxes for the delivery of goods.
- 22.9.2 The criteria for determination of the Local Content cost shall be as follows :
- In the case of direct component (material), based on country of origin.
 - In the case of manpower based on INR component and
 - In the case of working equipment/facility, based on the country or origin.

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

22.10 Calculation of LC and Reporting

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

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

22.11 Certification and Verification

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

22.11.1.1 At bidding stage:

a) Price Break-up

- (i) The bidder shall provide break-up of “Local Component” and “Imported Component” along with the price bid as per provisions under clause 22.2.3.
- (ii) Bidder must have LC in excess of the specified requirement.

b) Undertaking by the bidder

- i. The bidder shall submit undertaking along with the techno-commercial bid as per clause no. 22.2.1, such undertaking shall become a part of the contract.
- ii. Bidder shall also submit the list of items / services to be procured from Indian manufacturers / service providers.

c) Statutory Auditor’s Certificate

The Undertaking submitted by the bidder shall be support by a certificate from Statutory Auditor as per clause 22.2.2.

22.11.1.2 After Contract Award

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

- 22.11.2 Each supplier shall provide the necessary Local Content documentation to the statutory auditor, which shall review and determine the local content requirements have been met and issue of local content certificate to that effect on behalf of OIL, stating the percentage of local content in the good or service measured. The Auditor shall keep all necessary information obtained from suppliers for measurement of Local Content confidential.
- 22.11.3 The Local Content certificate shall be submitted along with each invoice raised. However, the % of local content may vary with invoice while maintaining the overall % of local content for the total purchase of the pro-rata local content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.
- 22.11.4 Where currency quoted by the bidder is other than Indian Rupee then the bidder claiming benefits under PP-LC shall consider exchange rate prevailing on the date of notice inviting tender (NIT) for the calculation of Local Content.
- 22.11.5 OIL shall have the authority to audit as well as witness production processes to certify the achievement of the requisite local content.
- 22.12 Sanctions
- 22.12.1 OIL shall impose sanction on bidder/manufacturers/service providers for not fulfilling LC of goods/services in accordance with the value mentioned in certificate of LC.
- 22.12.2 The sanctions may be in the form of written warning, financial penalty and blacklisting.
- 22.12.3 If the bidder does not fulfill his obligation after the expiration of the period specified in such warning. OIL shall initiate action for blacklisting such bidder/ successful bidder.
- 22.12.4 A bidder who has been awarded the contract after availing Purchase Preference is found to have violated the LC provision, in the execution of the procurement contract of goods and/or services shall be subject to financial penalty over and above the PBG value prescribed in the contract and shall not be more than an amount equal to 10% of the Contract Price.
- 22.12.5 In pursuance of the clause No. 22.12.4 above, towards fulfillment of conditions pertaining to Local Contents in accordance with the value mentioned in the certificate of LC, the bidder shall have to submit additional Bank Guarantee (format attached at Annexure-B) equivalent to the amount of PBG.
- 22.13 Bidders should note that PP – LC shall not be available in case of procurement of goods / services falling under the list of items reserved for exclusive purchase from Micro and Small Enterprise (MSEs) or Domestically Manufactured Electronic Products (DMEP)
- 23.0 GENERAL
- 23.1 OIL/ TE will not be responsible for cost incurred in preparation and delivery of bids, regardless of the conduct or outcome of the bidding process.
- 23.2 Bidder should not be under liquidation, court receivership or similar proceedings.
- 23.3 Bidders shall not be under a declaration of ineligibility by Purchaser for corrupt or fraudulent practices.
- 23.4 Bids sent through Fax/ E-mail/ Computer floppy/ disc/ pen drive etc. shall not be accepted
- 23.5 Bidder shall submit the declaration that it is not put on holiday / put on hold by any Government / PSU.
- 23.6 Bidder shall submit the declaration that it has not been convicted by any court of law in last 5 years reckoned from bid due date.
- 23.7 OIL/ TE reserves the right to reject any or all the bids received at its discretion without assigning any reason whatsoever.
- 23.8 No extension in the bid due date/ time shall be considered on the account of delay in receipt of any document/ information.

Project Manager
Tractebel Engineering pvt. Ltd.
2nd floor,
68, Institutional Area, Sector 44,
Gurgaon, Haryana-122002.
Tel. No. +91 124 471 2260
E-mail: sk.Hussain@tractebel.engie.com

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Annexure-A

FORMAT FOR CALCULATION OF LOCAL CONTENT- GOODS

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

Note:

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

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

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

Annexure-B**Proforma of Bank Guarantee towards Purchase Preference – Local Content**

Ref. No. _____ Bank Guarantee No. _____
Dated _____

To
Oil India Limited

India

Dear Sirs,

1. In consideration of _____ (hereinafter referred to as OIL, which expression shall, unless repugnant to the context or meaning thereof, include all its successors, administrators, executors and assignees) having entered into a CONTRACT No. _____ dated _____ (hereinafter called 'the CONTRACT' which expression shall include all the amendments thereto) with M/s _____ having its registered/head office at _____ (hereinafter referred to as the 'CONTRACTOR') which expression shall, unless repugnant to the context or meaning thereof include all its successors, administrators, executors and assignees) and OIL having agreed that the CONTRACTOR shall furnish to OIL a Bank guarantee for India Rupees/US\$ _____ for the faithful fulfillment of conditions pertaining to Local Content in accordance with the value mentioned in the certificate of Local Content submitted by the contractor for claiming purchase preference under the Purchase Preference Policy (linked with Local Content).
2. We (name of the bank) _____ registered under the laws of _____ having head/registered office at _____ (hereinafter referred to as "the Bank", which expression shall, unless repugnant to the context or meaning thereof, include all its successors, administrators, executors and permitted assignees) do hereby guarantee and undertake to pay to OIL immediately on first demand in writing any / all money to the extent of Indian Rs./US\$ (in figures) _____ (Indian Rupees/US Dollars (in _____ words) _____) without any demur, reservation, contest or protest and/or without any reference to the CONTRACTOR. Any such demand made by OIL on the Bank by serving a written notice shall be conclusive and binding, without any proof, on the bank as regards the amount due and payable, notwithstanding any dispute(s) pending before any Court, Tribunal, Arbitrator or any other authority and/or any other matter or thin whatsoever, as liability under these presents being absolute and unequivocal. We agree that the guarantee herein contained shall be irrevocable and shall continue to be enforceable until it is discharged by OIL in writing. This guarantee shall not be determined, discharged or affected by the liquidation, winding up, dissolution or insolvency of the CONTRACTOR and shall remain valid, binding and operating against the bank.
3. The Bank also agrees that OIL at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance, without proceeding against the CONTRACTOR and notwithstanding any security or other guarantee that OIL may have in relation to the CONTRACTOR's liabilities.
4. The Bank further agrees the OIL shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said CONTRACT or to extend time of performance by the said CONTRACTOR(s) from time to time or to postpone for any time or from time to time exercise of any of the powers vested in OIL against the said CONTRACTOR(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said CONTRACTOR(s) or for any forbearance, act or omission on the part of OIL or any indulgence by OIL to the said CONTRACTOR(s) or any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
5. The Bank further agrees that the Guarantee herein contained shall remain in full force during the period that is taken for the performance of the CONTRACT and all dues of OIL under or by virtue of this CONTRACT have

been fully paid and its claim satisfied or discharged or till OIL discharges this guarantee in writing, whichever is earlier.

6. This Guarantee shall not be discharged by any change in our constitution, in the constitution of OIL or that of the CONTRACTOR.
7. The Bank confirms that this guarantee has been issued with observance of appropriate laws of the country of issue.
8. The Bank also agrees that this guarantee shall be governed and construed in accordance with Indian Laws and subject to the exclusive jurisdiction of Indian Courts of the place from where the purchase CONTRACT has been placed.
9. Notwithstanding anything contained herein above, our liability under this Guarantee is limited to Indian Rs./US\$(in figures) _____ (Indian Rupees/US Dollars (in words) _____) and our guarantee shall remain in force until _____(indicate the date of expiry of bank guarantee).

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

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


WITNESS NO.1

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

WITNESS NO.2

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

(Signature)
Full name, designation and address
(in legible letters)
With Bank
Attorney as per power of
Attorney No. _____
Dated _____

				DELIVERY SCHEDULE - (FOREIGN BIDDERS) FOR SUPPLY OF COATING MATERIALS												Document no. P.10416 R11069 004		
Project : PIPELINE REHABILITATION PROJECT																		
Bid Document No. : SGG6455P18																		
Purchaser : OIL INDIA LTD.																		
Item Sr. No of MR.	Brief Description	Unit	Total Quantity	DELIVERY ON FOB INTERNATIONAL PORT OF EXIT IN BIDDERS COUNTRY														
				LOT 1 IN 2017-18					LOT 2 IN 2018				LOT 3 IN 2019					
				Quantity for 1st lot	Within 8 weeks from the Date of LOA	Within 10 weeks from the Date of LOA	Within 12 weeks from the Date of LOA	Within 16 weeks from the Date of LOA	Quantity for 2nd lot	15th July. 2018	15th Aug. 2018	15th Sept 2018	15th Oct. 2018	Quantity for 3rd lot	15th July. 2019	15th Aug. 2019	15th Sept 2019	15th Oct. 2019
	Manufacture, Inspection, Testing, Packing, Supply of following materials as specified in bid document.																	
1.0	PETROLATUM / WAX TAPE COATING SYSTEM																	
1.1	Paste	Kg	9077	4538	1134	1135	1134	1135	2270	567	568	568	568	2270	567	568	568	568
1.2	Inner wrap	Sq.Mtr	57045	28522	7130	7131	7130	7131	14262	3565	3566	3566	3566	14262	3565	3566	3566	3566
1.3	Outer Wrap	Sq.Mtr	58083	29041	7260	7261	7260	7260	14521	3630	3631	3630	3631	14521	3630	3631	3630	3631
2.0	PETROLATUM / WAX COATING SYSTEM FOR BLOCK VALVES																	
2.1	Paste	Kg	1187	593	148	149	148	148	594	148	149	148	149	0	0	0	0	0
2.2	Mastic	Kg	33150	11050	2762	2763	2762	2763	11050	2762	2763	2762	2763	11050	2762	2763	2762	2763
2.3	Inner wrap	Sq.Mtr	3205	1068	267	267	267	267	1069	267	268	268	268	1068	267	267	267	267
2.4	Outer Wrap	Sq.Mtr	6410	2136	534	534	534	534	2137	534	535	535	535	2137	534	535	534	534
NOTE: 1. Date of Bill of Lading shall be considered as date of delivery.																		

Project : PIPELINE REHABILITATION PROJECT


Bid Document No. : SGG6455P18

Purchaser : OIL INDIA LTD.

Item Sr. No of MR.	Brief Description	Unit	Total Quantity	LOT 1 IN 2017-18					LOT 2 IN 2018					LOT 3 IN 2019				
				Quantity for 1st lot	Within 14 weeks from the Date of LOA	Within 16 weeks from the Date of LOA	Within 18 weeks from the Date of LOA	Within 22 weeks from the Date of LOA	Quantity for 2nd lot	15th Sept. 2018	15th Oct. 2018	15th Nov. 2018	15th Dec. 2018	Quantity for 3rd lot	15th Sept. 2019	15th Oct. 2019	15th Nov. 2019	15th Dec. 2019
	Manufacture, Inspection, Testing, Packing, Supply of following materials as specified in bid document.																	
1.0	PETROLATUM / WAX TAPE COATING SYSTEM																	
1.1	Paste	Kg	7943	3971	1589	993	993	397	1986	794	496	496	199	1986	794	496	496	199
1.2	Inner wrap	Sq.Mtr	49916	24958	9983	6240	6240	2496	12479	4992	3120	3120	1248	12479	4992	3120	3120	1248
1.3	Outer Wrap	Sq.Mtr	50825	25413	10165	6353	6353	2541	12706	5083	3177	3177	1271	12706	5083	3177	3177	1271
2.0	PETROLATUM / WAX COATING SYSTEM FOR BLOCK VALVES																	
2.1	Paste	Kg	647	258.8	104	65	65	26	216	86	54	54	22	173	69	43	43	17
2.2	Mastic	Kg	18160	7264	2906	1816	1816	726	6053	2421	1513	1513	605	4843	1937	1211	1211	484
2.3	Inner wrap	Sq.Mtr	1705	682	273	171	171	68	568	227	142	142	57	455	182	114	114	45
2.4	Outer Wrap	Sq.Mtr	3410	1364	546	341	341	136	1137	455	284	284	114	909	364	227	227	91

NOTE: 1. The above delivery schedule is Ex-works despatch Station basis & date of GR / LR shall be considered as date of delivery.

2. In case delivery basis is FOT-Destination, 15 days time will be given to bidders for transporting the materials to OIL stores means delivery period will be considered as End Sept, End Oct, End Nov & End Dec. Date of delivery of materials at OIL's stores shall be considered as date of delivery.

				DELIVERY SCHEDULE - (INDIAN BIDDERS) FOR SUPPLY OF COATING MATERIALS , BIHAR										Document no. P.10416 R11069 004				
Project : PIPELINE REHABILITATION PROJECT																		
Bid Document No. : SGG6455P18																		
Purchaser : OIL INDIA LTD.																		
Item Sr. No of MR.	Brief Description	Unit	Total Quantity	LOT 1 IN 2017 -18					LOT 2 IN 2018					LOT 3 IN 2019				
				Quantity for 1st lot	Within 14 weeks from the Date of LOA	Within 16 weeks from the Date of LOA	Within 18 weeks from the Date of LOA	Within 22 weeks from the Date of LOA	Quantity for 2nd lot	15th Sept. 2018	15th Oct. 2018	15th Nov. 2018	15th Dec. 2018	Quantity for 3rd lot	15th Sept. 2019	15th Oct. 2019	15th Nov. 2019	15th Dec. 2019
	Manufacture, Inspection, Testing, Packing, Supply of following materials as specified in bid document.																	
1.0	PETROLATUM / WAX TAPE COATING SYSTEM																	
1.1	Paste	Kg	978	489	196	122	122	49	244	98	61	61	24	244	98	61	61	24
1.2	Inner wrap	Sq.Mtr	6145	3073	1229	768	768	307	1536	615	384	384	154	1536	615	384	384	154
1.3	Outer Wrap	Sq.Mtr	6257	3129	1251	782	782	313	1564	626	391	391	156	1564	626	391	391	156
2.0	PETROLATUM / WAX COATING SYSTEM FOR BLOCK VALVES																	
2.1	Paste	Kg	180	72	29	18	18	7	60	24	15	15	6	48	19	12	12	5
2.2	Mastic	Kg	5000	2000	800	500	500	200	1667	667	417	417	167	1333	533	333	333	133
2.3	Inner wrap	Sq.Mtr	500	200	80	50	50	20	167	67	42	42	17	133	53	33	33	13
2.4	Outer Wrap	Sq.Mtr	1000	400	160	100	100	40	333	133	83	83	33	267	107	67	67	27
NOTE: 1. The above delivery schedule is Ex-works despatch Station basis & date of GR / LR shall be considered as date of delivery. 2.In case delivery basis is FOT-Destination, 15 days time will be given to bidders for transporting the materials to OIL stores means delivery period will be considered as End Sept,End Oct,End Nov & End Dec. Date of delivery of materials at OIL's stores shall be considered as date of delivery.																		

**DELIVERY SCHEDULE - (INDIAN BIDDERS)
FOR
SUPPLY OF COATING MATERIALS , WEST BENGAL**

Document no.
P.10416 R11069 004

Project : PIPELINE REHABILITATION PROJECT


Bid Document No. : SGG6455P18

Purchaser : OIL INDIA LTD.

Item Sr. No of MR.	Brief Description	Unit	Total Quantity	LOT 1 IN 2017 -18					LOT 2 IN 2018					LOT 3 IN 2019				
				Quantity for 1st lot	Within 14 weeks from the Date of LOA	Within 16 weeks from the Date of LOA	Within 18 weeks from the Date of LOA	Within 22 weeks from the Date of LOA	Quantity for 2nd lot	15th Sept. 2018	15th Oct. 2018	15th Nov. 2018	15th Dec. 2018	Quantity for 3rd lot	15th Sept. 2019	15th Oct. 2019	15th Nov. 2019	15th Dec. 2019
	Manufacture, Inspection, Testing, Packing, Supply of following materials as specified in bid document.																	
1.0	PETROLATUM / WAX TAPE COATING SYSTEM																	
1.1	Paste	Kg	157	78	31	20	20	8	39	16	10	10	4	39	16	10	10	4
1.2	Inner wrap	Sq.Mtr	983	492	197	123	123	49	246	98	61	61	25	246	98	61	61	25
1.3	Outer Wrap	Sq.Mtr	1001	501	200	125	125	50	250	100	63	63	25	250	100	63	63	25
2.0	PETROLATUM / WAX COATING SYSTEM FOR BLOCK VALVES																	
2.1	Paste	Kg	360	144	58	36	36	14	120	48	30	30	12	96	38	24	24	10
2.2	Mastic	Kg	9990	3996	1598	999	999	400	3330	1332	833	833	333	2664	1066	666	666	266
2.3	Inner wrap	Sq.Mtr	1000	400	160	100	100	40	333	133	83	83	33	267	107	67	67	27
2.4	Outer Wrap	Sq.Mtr	2000	800	320	200	200	80	667	267	167	167	67	533	213	133	133	53

NOTE: 1. The above delivery schedule is Ex-works despatch Station basis & date of GR / LR shall be considered as date of delivery.

2.In case delivery basis is FOT-Destination, 15 days time will be given to bidders for transporting the materials to OIL stores means delivery period will be considered as End Sept,End Oct,End Nov & End Dec. Date of delivery of materials at OIL's stores shall be considered as date of delivery.

		PRICE SCHEDULE (FOREIGN BIDDERS) FOR SUPPLY OF COATING MATERIALS											Document no. P.10416 R11069 004			
Project : PIPELINE REHABILITATION PROJECT																
Bid Document No. : SGG6455P18																
Purchaser : OIL INDIA LTD.																
Bidder Name:																
Item Sr. No	Brief Description	Unit	Currency USD/ EURO	Quantity	Name of International Sea Port of Shipment (Exit) (for FOB)	Unit rate on ex- works basis	Packing & FOB charges in Bidder's country	Unit FOB International sea port of exit Price (3a)+(3b)	Total FOB International sea port of exit Price	Unit Ocean Freight upto Kolkata Port	Total Ocean Freight upto Kolkata Port	Unit Price on C & F Kolkata port (3)+(5)	Total Price on C & F Kolkata port (4)+(6)	Shipping Gross Wt (MT)	Volume (M3)	Amount of Indian Agent Commission (included in CIF)
				(1)		(2)	(3a)	(3b)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
						Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount			
	Manufacture, Inspection, Testing, Packing, Supply of following materials as specified in bid document.															
1.0	PETROLATUM / WAX TAPE COATING SYSTEM															
1.1	Paste	Kg		9,077												
1.2	Inner wrap	Sq.Mtr		57,045												
1.3	Outer Wrap	Sq.Mtr		58,083												
2.0	PETROLATUM / WAX COATING SYSTEM FOR BLOCK VALVES															
2.1	Paste	Kg		1,187												
2.2	Mastic	Kg		33,150												
2.3	Inner wrap	Sq.Mtr		3,205												
2.4	Outer Wrap	Sq.Mtr		6,410												
	Sub-Total of Group C															
	Grand Total (A+B+C)															
	NOTE:															
1	Scope of Work and other terms and conditions are strictly as per bid document.															
2	Bidder to clearly indicate 'Quoted' / 'Not Quoted' against each serial number in the price column in the un-priced Schedule of Rates and submit the same in Un-priced part of the bid. Bidder to submit Priced part of above Schedule of Rates in their Priced Bid															
3	Bidder must quote the price in Schedule of Rates formats only.															
4	All the Columns of quoted items in the Schedule of Rates must be filled with required information, as applicable.															
5	Quoted rates are firm and fixed till complete execution of the entire order.															
6	Purchaser reserves the right to decrease/ increase the Scope of Work as per provision of Bid document before & after award of contract .															
7	Bidder must quote for complete scope of work as detailed in bid document, bids submitted for part scope shall be considered as non-responsive and liable to be rejected.															
Seal and Signature of Bidder																


<div>TRACTEBEL</div> <div>ENGIE</div>		REVISED PRICE SCHEDULE (INDIAN BIDDERS) FOR SUPPLY OF COATING MATERIALS IN THE STATE OF ASSAM																Document no. P.10416 R11069 004				
Project : PIPELINE REHABILITATION PROJECT																						
Bid Document No. : SGG6455P18																						
Purchaser : OIL INDIA LTD.																						
Bidder Name:																						
Item Sr. No.	Brief Description	Unit	Currency (USD / Euro / INR)	Quantity	Unit Ex-works price excluding Packing and Forwarding Charges	Unit Packing and Forwarding Charges	Unit Ex Works Price inclusive of Packing & Forwarding Charges	GST on col. (4)		Compensatory Cess if any		Unit FOR Dispatching Station value. (4)+(5)+(6)	Unit Inland Freight Charges up to Purchaser's store.	GST on col. (8)		Unit Handling Charges (Unloading) etc. at Destination	GST on col. (10)		Unit Price - FOT destination (all inclusive of P&F charges, applicable taxes & duties, freight & handling etc.) (7)+(8)+(9)+(10)+(11)	Total Price - FOT destination (all inclusive of P&F charges, applicable taxes & duties, freight & handling etc.) (1) x (12)	Shipping Gross Wt (MT)	Volume (M3)
					Amount	Amount	Amount	%	Amount	%	Amount	Amount	%	Amount	Amount	%	Amount	Amount	Amount	Amount		
				(1)	(2)	(3)	(4)	(5)		(6)		(7)	(8)	(9)		(10)	(11)		(12)	(13)	(14)	(15)
	Manufacture, Inspection, Testing, Packing, Supply, Transportation and Unloading of following materials at OIL's stores located at various locations as specified in bid document.																					
1.0	PETROLATUM / WAX TAPE COATING SYSTEM																					
1.1	Paste	Kg		7,942																		
1.2	Inner wrap	Sq.Mtr		49,916																		
1.3	Outer Wrap	Sq.Mtr		50,825																		
2.0	PETROLATUM / WAX COATING SYSTEM FOR BLOCK VALVES																					
2.1	Paste	Kg		579																		
2.2	Mastic	Kg		18,150																		
2.3	Inner wrap	Sq.Mtr		1,705																		
2.4	Outer Wrap	Sq.Mtr		3,410																		
	Total																					
	Note:																					
1	Scope of Work and other terms and conditions are strictly as per bid document.																					
2	Bidder to clearly indicate 'Quoted' / 'Not Quoted' against each serial number in the price column in the un-priced Schedule of Rates and submit the same in Un-priced part of the bid. Bidder to submit Priced part of above Schedule of Rates in their Priced Bid																					
3	Bidder must quote the price in Schedule of Rates formats only.																					
4	All the Columns of quoted items in the Schedule of Rates must be filled with required information, as applicable.																					
5	Quoted rates are firm and fixed till complete execution of the entire order.																					
6	Purchaser reserves the right to decrease/ increase the Scope of Work as per provision of Bid document before & after award of contract .																					
7	Bidder must quote for complete scope of work as detailed in bid document, bids submitted for part scope shall be considered as non-responsive and liable to be rejected.																					
8	Quoted Freight charges and handling charges shall be applicable for each store located in the State of Assam.																					
Seal and Signature of Bidder																						

<div>TRACTEBEL</div> <div>ENGIE</div>			REVISED PRICE SCHEDULE (INDIAN BIDDERS) FOR SUPPLY OF COATING MATERIALS IN THE STATE OF BIHAR															Document no. P.10416 R11069 004					
Project : PIPELINE REHABILITATION PROJECT																							
Bid Document No. : SGG6455P18																							
Purchaser : OIL INDIA LTD.																							
Bidder Name:																							
Item Sr. No.	Brief Description	Unit	Currency (USD / Euro / INR)	Quantity	Unit Ex-works price excluding Packing and Forwarding Charges	Unit Packing and Forwarding Charges	Unit Ex Works Price inclusive of Packing & Forwarding Charges	GST on col. (4)		Compensatory Cess if any		Unit FOR Dispatching Station value. (4)+(5)+(6)	Unit Inland Freight Charges up to Purchaser's store.	GST on col. (8)		Unit Handling Charges (Unloading) etc. at Destination	GST on col. (10)		Unit Price - FOT destination (all inclusive of P&F charges, applicable taxes & duties, freight & handling etc.) (7)+(8)+(9)+(10)+(11)	Total Price - FOT destination (all inclusive of P&F charges, applicable taxes & duties, freight & handling etc.) (1) x (12)	Shipping Gross Wt (MT)	Volume (M3)	
					Amount	Amount	Amount	%	Amount	%	Amount	Amount	Amount	Amount	%	Amount	Amount	%	Amount	Amount	Amount	Amount	
				(1)	(2)	(3)	(4)	(5)		(6)		(7)	(8)	(9)		(10)	(11)		(12)	(13)	(14)	(15)	
	Manufacture, Inspection, Testing, Packing, Supply, Transportation and Unloading of following materials at OIL's stores located at various locations as specified in bid document.																						
1.0	PETROLATUM / WAX TAPE COATING SYSTEM																						
1.1	Paste	Kg		978																			
1.2	Inner wrap	Sq.Mtr		6,145																			
1.3	Outer Wrap	Sq.Mtr		6,257																			
2.0	PETROLATUM / WAX COATING SYSTEM FOR BLOCK VALVES																						
2.1	Paste	Kg		210																			
2.2	Mastic	Kg		5,000																			
2.3	Inner wrap	Sq.Mtr		500																			
2.4	Outer Wrap	Sq.Mtr		1,000																			
	Total																						
	Note:																						
1	Scope of Work and other terms and conditions are strictly as per bid document.																						
2	Bidder to clearly indicate 'Quoted' / 'Not Quoted' against each serial number in the price column in the un-priced Schedule of Rates and submit the same in Un-priced part of the bid. Bidder to submit Priced part of above Schedule of Rates in their Priced Bid																						
3	Bidder must quote the price in Schedule of Rates formats only.																						
4	All the Columns of quoted items in the Schedule of Rates must be filled with required information, as applicable.																						
5	Quoted rates are firm and fixed till complete execution of the entire order.																						
6	Purchaser reserves the right to decrease/ increase the Scope of Work as per provision of Bid document before & after award of contract .																						
7	Bidder must quote for complete scope of work as detailed in bid document, bids submitted for part scope shall be considered as non-responsive and liable to be rejected.																						
8	Quoted Freight charges and handling charges shall be applicable for each store located in the State of Assam.																						
Seal and Signature of Bidder																							

<div>TRACTEBEL</div> <div>ENGIE</div>			REVISED PRICE SCHEDULE (INDIAN BIDDERS) FOR SUPPLY OF COATING MATERIALS IN THE STATE OF WEST BENGAL															Document no. P.10416 R11069 004					
Project : PIPELINE REHABILITATION PROJECT																							
Bid Document No. : SGG6455P18																							
Purchaser : OIL INDIA LTD.																							
Bidder Name:																							
Item Sr. No.	Brief Description	Unit	Currency (USD / Euro / INR)	Quantity	Unit Ex-works price excluding Packing and Forwarding Charges	Unit Packing and Forwarding Charges	Unit Ex Works Price inclusive of Packing & Forwarding Charges	GST on col. (4)		Compensatory Cess if any		Unit FOR Dispatching Station value. (4)+(5)+(6)	Unit Inland Freight Charges up to Purchaser's store.	GST on col. (8)		Unit Handling Charges (Unloading) etc. at Destination	GST on col. (10)		Unit Price - FOT destination (all inclusive of P&F charges, applicable taxes & duties, freight & handling etc.) (7)+(8)+(9)+(10)+(11)	Total Price - FOT destination (all inclusive of P&F charges, applicable taxes & duties, freight & handling etc.) (1) x (12)	Shipping Gross Wt (MT)	Volume (M3)	
					Amount	Amount	Amount	%	Amount	%	Amount	Amount	Amount	Amount	%	Amount	Amount	%	Amount	Amount	Amount	Amount	
					(1)	(2)	(3)	(4)	(5)		(6)		(7)	(8)	(9)		(10)	(11)		(12)	(13)	(14)	(15)
	Manufacture, Inspection, Testing, Packing, Supply, Transportation and Unloading of following materials at OIL's stores located at various locations as specified in bid document.																						
1.0	PETROLATUM / WAX TAPE COATING SYSTEM																						
1.1	Paste	Kg		157																			
1.2	Inner wrap	Sq.Mtr		983																			
1.3	Outer Wrap	Sq.Mtr		1,001																			
2.0	PETROLATUM / WAX COATING SYSTEM FOR BLOCK VALVES																						
2.1	Paste	Kg		398																			
2.2	Mastic	Kg		10,000																			
2.3	Inner wrap	Sq.Mtr		1,000																			
2.4	Outer Wrap	Sq.Mtr		2,000																			
	Total																						
	Note:																						
1	Scope of Work and other terms and conditions are strictly as per bid document.																						
2	Bidder to clearly indicate 'Quoted' / 'Not Quoted' against each serial number in the price column in the un-priced Schedule of Rates and submit the same in Un-priced part of the bid. Bidder to submit Priced part of above Schedule of Rates in their Priced Bid																						
3	Bidder must quote the price in Schedule of Rates formats only.																						
4	All the Columns of quoted items in the Schedule of Rates must be filled with required information, as applicable.																						
5	Quoted rates are firm and fixed till complete execution of the entire order.																						
6	Purchaser reserves the right to decrease/ increase the Scope of Work as per provision of Bid document before & after award of contract .																						
7	Bidder must quote for complete scope of work as detailed in bid document, bids submitted for part scope shall be considered as non-responsive and liable to be rejected.																						
8	Quoted Freight charges and handling charges shall be applicable for each store located in the State of Assam.																						
Seal and Signature of Bidder																							

ANNEXURE – AA

TECHNICAL SPECIFICATION

	<p style="text-align: center;">SPECIFICATION FOR PETROLATUM OR WAX TAPE COATING SYSTEM</p>	<p style="text-align: center;">P.010416 D11097 007</p>
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PIPELINE REHABILITATION PROJECT

TRACTEBEL ENGINEERING PVT. LTD.

SPECIFICATION FOR PETROLATUM OR WAX TAPE COATING SYSTEM FOR EXTERNAL CORROSION PROTECTION OF BURIED HYDROCARBON PIPELINES IN WET / SUBMERGED CONDITIONS

DOC. NO. - P.010416-D-11097-007

0	20.11.2017	Issued for Approval	MK	MS	SKH
Rev.	Date	Description	Prepared by	Checked by	Approved by



	<p style="text-align: center;">SPECIFICATION FOR PETROLATUM OR WAX TAPE COATING SYSTEM</p>	<p style="text-align: center;">P.010416 D11097 007</p>
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1.0 SCOPE

- 1.1 This standard specification defines the minimum performance requirement for petrolatum or wax tape coat system comprising of three layers to be used for external corrosion protection of buried steel pipelines in wet / submerged condition in conjunction with cathodic protection. :
- Under water petrolatum or wax paste,
 - An inner tape comprising of non-woven synthetic fabric carrier fully impregnated with a compound based on petrolatum or wax Non-Toxic, Non-Carcinogenic, No VOC, containing inert fillers and water displacing agents.
 - An outer self-adhesive PE/PVC (2ply) for mechanical protection
- 1.2 Coating materials purchased under this specification are to be used for repair and rehabilitation of hydrocarbon pipelines coated with CTE (Coal Tar Enamel).

2.0 GENERAL REQUIREMENT

In order to qualify a coating system as acceptable for this rehabilitation project, the coating manufacturer shall submit a detailed track record of the offered tape system have been used for rehabilitation of hydrocarbon pipelines in wet / submerged conditions in India / USA / Europe / ME in the last 10 years. Further, the coating manufacturer shall submit detailed independent test report conforming compliance to all the properties & requirements listed in this specification as per ISO21809-Part 3 2016 / NACE RP0375-2006. The test report shall cover all the properties as listed in this specification and shall be witnessed by International reputed certification agencies like Bureau Vertias, ABS, LRS, RWTUV, RINA or issued by independent test laboratories like DVGW Germany, Shell Global Solutions Holland, DNV-GL, Charter Coating Canada,. The test report shall not be older than five years from the date of the tender. Production facility from where the coating material is produced may be subjected to inspection by the Owner / PMC, prior to finalization of award.

3.0 REFERENCES


The following referenced documents are indispensable for the application of this document. Only the latest edition of the referenced document (including any amendments) applies.

- 3.1 ISO 21809-3:2016 Petroleum and natural gas industries ---- External coating for buried or submerged pipelines used in pipeline transportation systems Part-3.
- 3.2 NACE RP 0375 Field applied underground wax coating system for underground pipelines: Application, Performance and Quality Control.
- 3.3 ISO 8501-1:2007 Preparation of steel substrates before application of paints and related products -- Visual assessment of surface cleanliness -- Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings
- 3.4 ISO 8501-2:1994 Preparation of steel substrates before application of paints and related products -- Visual assessment of surface cleanliness -- Part 2: Preparation grades of previously coated steel substrates after localized removal of previous coatings
- 3.5 ISO 8501-3:2006 Preparation of steel substrates before application of paints and related products -- Visual assessment of surface cleanliness -- Part 3: Preparation grades of welds, edges and other areas with surface imperfections

4.0 COATING SYSTEM

4.1 The cold applied petrolatum or wax tape system shall be applied as a three layer system on wet or submerged pipeline consisting of the followings.

- a. Petrolatum or wax paste
- b. An inner petrolatum or wax tape for corrosion protection.
- c. An outer self-adhesive PE or PVC tape (2ply) for mechanical protection.

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The applied coating system shall have a minimum thickness of 2.5mm

4.2 Petrolatum or wax paste:

The paste shall be petrolatum or wax compound, blended with inert fillers, corrosion inhibitors and wide spectrum biocide. It shall be designed to be applied on power wire brush/hand wire brush cleaned steel surface(St-2/St-3) and penetrate existing rust if any, displace moisture, pacify the steel surface and aid in adhesion of petrolatum or wax tape. The paste shall be suitable for application on steel substrate temperatures varying from ambient to 35°C by hand or trowel.

The paste shall be supplied in packing of 2 to 5 Kg. The paste shall provide a minimum coverage of 0.35 Kg / sq. meter of pipe surface area.

4.3 Petrolatum or Wax tape- Inner wrap anti-corrosion layer

The inner wrap shall be composed of a non-woven synthetic fabric carrier fully impregnated with a neutral compound based on saturated petrolatum / wax and inert siliceous fillers and water displacing agents. The petrolatum tape should be Non-Toxic, Non-Carcinogenic; No VOC, it shall be backed with a PE or PP film. It shall be a standard product of the manufacturer having established history of excellent performance. The tape shall be supplied wound on a core

The inner tape shall be supplied in roll form as per the following characteristics:

Width	:	100 mm
Roll Length	:	10-20 meters
Thickness of the tape	:	≥1.25 mm
% Overlap	:	50 %
Application	:	By hand wrapping / machine
Ambient temperature range	:	+10 to +50°C
Steel Surface temperature range	:	+5 to +35°C

4.3.2 Outer wrap – PE or PVC Mechanical protection layer

Outer wrap tape shall be a self-adhesive polymeric tape manufactured from PE/PVC backing. The outer wrap tape shall be fully compatible with the properties of the inner petrolatum/wax wrap. The outer wrap shall be applied with a 50% overlap and shall bond effectively to the inner tape and to itself between its layers at the overlaps when applied in submerged condition

The outer tape shall be supplied in roll form as per the following characteristics:

Width	:	100mm
Roll Length	:	30 - 50 meters
Thickness of the tape	:	≥ 0.15mm
Application	:	By hand wrapping / machine
Ambient temperature range	:	+10 to +50°C

5.0 FUNCTIONAL REQUIREMENTS OF COLD APPLIED PETROLATUM OR WAX TAPE SYSTEM

- 5.1 The cold applied petrolatum / wax tape system as described above with paste shall be suitable for application on wet / submerged steel surface cleaned to St 2/ St3. The applied thickness of the coating shall be ≥ 2.5mm.

The functional properties of the applied coating system shall be as specified in Table-1.

Requirements of Petrolatum or Wax Tape Coating System – Table 1

Requirements of Petrolatum or Wax Tape Coating System – Table 1					
Property		Test temp.	Unit	Requirements	Test method ISO 21809-3
Thickness		—	mm	≥ 2.5mm	Annex B
Holiday detection at 5 kV/mm		—	—	no holiday	Annex C
Impact resistance		23 °C	J/mm	≥ 0.8	Annex D
Indentation resistance	Test Pressure	23 °C	N/mm ²	0.1	Annex E
	Residual thickness		mm	≥ 0.6	
Specific electrical insulation resistance	R_{S100}	23 °C	$\Omega \cdot m^2$	≥ 10 ⁶	Annex F
	R_{S100}/R_{S70}		—	≥ 0.8	
Cathodic disbondment resistance at 28 days For petrolatum tape system For wax tape system		23 °C	mm	≤ 20 ≤ 12	Annex G
Drip resistance		45 °C	-	No dripping of compound	Annex K
Peel strength of inner petrolatum tape to steel pipe surface		23 °C	-	leave a film of compound on the substrate	-
Peel strength of outer self adhesive PVC/PE wrap to self		23 °C	N/mm	>0.1	ASTMD1000
Water vapour transmission		23 °C	perms	≤0.006	ASTM E 96
Shelf Life: Minimum 5 years					
Storage Temperature: 0 to 50°C					

5.2 The paste shall meet the following requirement:

Table-1 Physical property of Paste	
Volume solids	$>99\%$
Maximum application temperature	35°C
Shelf Life	5 years

6.0 COATING APPLICATION:

6.1 Surface Preparation

6.1.1 Surface conditioning: Pipe shall be made free from mud, mill scale, coal tar, oil, grease or any other foreign material. If required, surface may be pre-cleaned according to SSPC-SP1 to remove oil, grease and loosely

adhering deposits. Visible oil and grease spots shall be removed using a solvent. Only solvents that do not leave a residue shall be used.

Surface preparation of the steel surface shall be carried out by means of wire-brush cleaning in accordance to a minimum degree of cleanliness of ISO 8501-1 grade St 2.

6.2 Application of petrolatum tapes:

6.2.1 **Paste:** The paste shall be applied on the wire brush cleaned steel surface with a trowel or using a gloved hand. The coverage of the paste is minimum 0.35Kg / m² of pipe surface area and the paste shall be applied uniformly around the surface area,

6.2.2 **Inner petrolatum tape:** The inner petrolatum tape of width 100 mm shall be applied on pipe surface by wrapping with hand and maintaining a 50 % overlap.

6.2.3 **Outer tape (PE/PVC):** The outer-layer tape of width 100mm shall be applied over the inner petrolatum layer tape by wrapping with hand and maintaining a 50 % overlap.

6.3 Overlap:

6.3.1 The tape overlaps for inner& outer wrap shall be 50 % of the width of the tape.

6.3.2 The overlap of tapes on existing applied coating shall be at least 100mm or as per manufacturers required overlap if greater than 100mm

6.3.3 The overlap of the inner and outer tape during the application of the subsequent roll shall be at least 100mm or as per manufacturers required overlap if greater than 100mm

6.4 Coating Manufacturer's Training & Supervision:

The coating manufacture (to whom order will be placed) shall provide assistance for the following:

6.4.1 Demonstrating proper method of application of coating systems.


6.4.2 Conducting Procedure Qualification Trial (PQT) as per ISO 21809 Part 3 2016 Clause 7 "Application procedures and qualification" sub clause 7.3. This is required to ensure correct use of coating material and to train applicators of nominated coating contractor. The PQT will be done on mock up pipes supplied by the Owner. Coating tests as specified shall be conducted in the field / nominated test laboratory under witness of PMC Quality / Inspection personnel.

6.4.3 Conducting Pre-production testing (PPT) as per ISO 21809 Part 3 2016 Clause 7 "Application procedures and qualification" sub clause 7.4 on actual pipes to verify surface condition of the pipe after wire brushing, verifying the application of the paste, inner wrap and outer wrap coating application with the required overlap and tension, qualification of coating applicators and PMC inspectors who will be deployed in the field. Coating tests as specified shall be conducted in the field under witness of PMC Quality / Inspection personnel. Only those coating applicators trained by the Coating manufacturer representative shall be deployed.

6.4.4 At the start of the coating works in the 1st year, the coating supplier shall depute five coating supervisors for carrying out PQT and training of contractors applicators at five spreads as the work will start simultaneously. The duration of stay for each coating supervisor shall be 7 days.

For subsequent years, coating manufacturer shall depute two coating supervisor for duration of 10 days each for supervision/training and certification of coating applicators, such visits shall be two times per year.

It may be noted that all the five supervisors may not be required to be deployed at the same time. Purchaser will intimate the deployment schedule of each supervisor based on site requirement.

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7.0 STORAGE LIFE, PACKAGE AND MARKING

7.1 Storage Life

7.1.1 The paste & tape material (inner and outer) shall have a shelf life of at least 5 years from the date of delivery when stored in original covered containers at temperatures between 0 to 50°C.

7.1.2 All material shall be packaged in suitable cardboard containers and in quantities (by weight) which can reasonably handled by the applicators. The packaging shall be such that during transportation and storage at owners store and subsequent transportation and handling at site, full quantity and performance of the material is retained. The supplier is to make that material shall be in waterproof packaging to prevent moisture ingress.

As the material will be transported by ship and by road for long distances and also the multiple handling of items by crane or fork lifting equipment will be done during change of containers at port and at site. The packing should be very good to endure all the handling and transportation. The tapes will be packed in cardboard boxes of sufficient strength to withstand transportation and handling and will be shrink wrapped. The boxes will be palletized in wooden crates. The height of the wooden pallet will not be more than 1.25 m or it may topple during handling and storage. Details of packaging will be highlighted by the coating manufacturer in their technical offer.

7.2 Marking

7.2.1 Following shall be clearly marked (as a minimum) on the cardboard container of the paste in English:

- a. Trade name and generic type
- b. Reference Batch no.
- c. Date of manufacture
- d. Quantity (in kgs)
- e. Shelf life
- f. Health hazards and handling instructions
- g. Manufacturers name and address
- h. Each box will have MSDS in English.
- i. OIL India Purchase order number

7.2.2 Following shall be clearly marked (as a minimum) on the cardboard container of the inner & outer tapes in English:

- a. Trade name and generic type
- b. Reference Batch no.
- c. Date of manufacture
- d. No of rolls
- e. Roll sizes –Width (mm) x Length (m)& core size
- f. Manufacturers name and address
- g. Shelf life
- h. OIL India Purchase order number

7.2.3 Each roll of inner and outer tape shall be marked with the following:

- a. Trade name and type
- b. Length of roll (in m)
- c. Reference batch no

8.0 INSPECTION AND TESTING:

8.1 Sampling

At least one sample from each lot shall be tested for paste, inner tape and outer tape.

Coating manufacturer will submit sampling plan along with the offer.

8.2 Inspection and Testing

8.2.1 The Inspection and Testing Plan (ITP) is to be submitted by the Coating manufacturer for review by Owner / PMC before starting the production. The ITP shall identify all inspection activities and tests, their frequency and the relevant inspection authorities.

8.2.2 All properties mentioned in this specification shall be tested at manufacturing facility with their in-house test facilities as per the test method indicated under column "Test Methods". The tests shall be inspected by PMC / PMC's representative and may be witnessed by Owner's representative. The vendor shall provide all necessary assistance to the Inspection Team.

Long duration tests – Specific Electrical resistance, the coating manufacturer shall submit independent test report from the above mentioned laboratories and certified by independent certification agencies as per Clause 2 of this specification for review and acceptance. However OWNER / PMC reserve the right to select any samples from the coating material manufactured and have the material tested for these two properties during the tenure of the contract. The samples will be prepared by the coating manufacturer in accordance with ISO 21809 – Part 3 2016 requirements.

8.2.3 Any material not conforming to specification shall be rejected.

8.2.4 The test certificates prepared by PMC shall be submitted to the Owner for review. Dispatch of consignment shall be affected only after receiving the clearance from the purchaser.

8.2.5 The test certificates prepared by PMC shall be submitted to the Owner for review. Dispatch of consignment shall be affected only after receiving the clearance from the purchaser.

8.3 Retest

If any of the test fails, the test shall be repeated, No further failure is allowed.

8.4 Visit to Manufacturing Plant

OIL reserves the right to visit the manufacturing premises during the manufacturing process to verify, check and expedite the process of manufacturing. Any observations made by OIL in this regard during its visit will be reported to PMC for appropriate action.

9.0 PRODUCT INFORMATION TO BE FURNISHED BY BIDDER:

9.1 Bidder has to produce documentary evidence (laboratory test certificate) for ensuring that the tape material offered by the vendor fully conforms to ISO 21809-3 / NACE RP 0375 standard.

9.2 Product information sheets including procedures for handling, storage, and application of the proposed coating material. All documentation will be in English.


9.3 Material Safety Data Sheets (MSDS). MSDS will be in English and will be in line latest shipping, safety and health / environmental regulations.

9.4 Sourcing of Raw material / finished material

9.5 Performance test certificates of the offered coating. Certification shall be by an independent laboratory or inspection agency. Certificates older than 5 years from the date of sale of this tender shall not be accepted.

9.6 Sampling plan

9.7 Manufacturing inspection test plan

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9.8 Application PQT and PPT formats.

10.0 SUPPLY HISTORY TO BE FURNISHED BY THE BIDDER:

10.1 Bidder has to provide the supply record of the offered brand of coating material to hydrocarbon pipeline operator during last 10 years indicating the following:

Table 3: Supply History								
S.no.	Coating generic name	Coating brand name	Name of pipeline company	Service fluid	Order quantity	Order value	Contact details of concern person	Year of supply

10.2 Copy of the purchase orders

10.3 Performance certificate from the end users (Pipeline operator/owner)

11.0 TECHNICAL INFORMATION TO BE FURNISHED BY THE BIDDER:

Bidder shall provide detailed technical information along with the technical bid as per requested information as per Table 4 to 8.

Table-4 : Coating Identification		
S. No.	Property	Bidder to specify
1	Coating trade name	
2	Basic type of coating material	
3	Paste trade name	
4	Structure of coating	
4.1	Number of layers	
4.2	First layer trade name	
4.3	Second layer trade name	
5	ISO / European Standard Designation	
6	Nominal thickness of coating	
7	Compatible factory coatings	

Table-5 : Paste technical details

S. No.	Property	Unit	Bidder to specify	
			Typical values	Test Method
1	Paste trade name			
2	Generic type of paste			
3	Solid content	%mass		
4	Flash point	°C		
5	Type of solvent			
6	Congel point	°C		
7	Density	g/cm3		
8	Drying time	Minutes		
8.1	@ 25° C			
9	Recommended dry film thickness	µm		
10	Coverage rate for recommended / sq.meter of pipe surface area	Kg/l		
11	Storage temperature range	°C		
12	Shelf life at storage temperature range	Months		

Table-7 : Application Instructions			
S.No.	Property	Unit	Bidder to specify
1.0	Ambient conditions		
1.1	Minimum / Maximum temperature	°C	
1.2	Relative humidity	%	
2.0	Surface preparation- Metal surface		
2.1	Cleanliness		
2.2	Surface profile		
2.3	Chloride contamination		
3.0	Application of paste		
3.1	Method of application		
3.2	Surface temperature – Minimum / Maximum	°C	
3.3	Touch dry time	Min	
4.0	Application of tape (inner and outer)		
4.1	Method of application		
4.2	Minimum tape temperature before application (inner and outer)	°C	
4.3	Minimum overlap of tape (inner and outer))	%	
5.0	General		
5.1	Minimum overlap on existing CTE coating	Mm	
5.2	Holiday detection voltage	KV	
5.3	Repair procedures		

Table-6 : Petrolatum / Wax Tape & PVC/PE outer tape technical details				
S.No.	Property	Unit	Bidder to specify	
			Typical Value	Test Method
1	Trade name			
2	Description of coating material			
3	Color			
4	Minimum total thickness of the applied system	mm		
5	Inner Petrolatum / Wax tape			
5.1	Nominal thickness (Also clarify if backing film shall be provided and type – PE or PP)	mm		
6	Outer tape PVC/PE			
6.1	Adhesive thickness			
6.2	PVC /PE backing thickness	mm		
7	Saponification value	mg/g		
8	Mechanical properties (Both for inner and outer separately)			
8.1	Tape strength	N/mm		
8.2	Elongation at break	%		
9	Storage conditions			
9.1	Minimum storage temperature	°C		
9.2	Maximum storage temperature	°C		

Table-8A : Dimensional measurement of petrolatum / wax tape

S. No.	Property	Test temp	Unit	Minimum	Maximum
1	Width		mm		
2	Total thickness of inner petrolatum / wax tape		mm		
2.1	Length of tape in the roll		meter		
2.2	Core size		mm		

Table-8B : Dimensional measurement of outer PVC/PE tape

S. No.	Property	Test temp	Unit	Minimum	Maximum
1	Width		mm		
2	Total thickness of outer PE/PVC tape		mm		
2.1	Length of tape in the roll		meter		
2.2	Core size		mm		

Table 9 : Functional properties of complete coating

Property	Test temp.	Unit	Requirements	Test method ISO 21809-3	Bidder's value
Thickness	—	mm	$\geq 2.5\text{mm}$	Annex B	
Holiday detection at 5 kV/mm	—	—	no holiday	Annex C	
Impact resistance	23 °C	J/mm	≥ 0.8	Annex D	
Indentation resistance	23 °C	N/mm ²	0.1	Annex E	
		mm	≥ 0.6		
Specific electrical insulation resistance	23 °C	$\Omega \cdot \text{m}^2$	$\geq 10^6$	Annex F	
		—	≥ 0.8		
Cathodic disbondment resistance at 28 days For petrolatum tape For wax tape	23 °C	mm	≤ 20 ≤ 12	Annex G	
Drip resistance	45 °C	-	No dripping of compound	Annex K	
Peel strength of inner petrolatum tape to steel pipe surface	23 °C	-	leave a film of compound on the substrate	-	
Peel strength of outer PVC/PE wrap to self	23 °C	N/mm	>0.1	ASTMD1000	
Water vapour transmission	23 °C	perms	≤ 0.006	ASTM E 96	
Shelf Life: Minimum 5 years					
Storage Temperature: 0 to 50°C					



PIPELINE REHABILITATION PROJECT

TRACTEBEL ENGINEERING PVT. LTD.

SPECIFICATION
FOR
COATING MATERIAL FOR
EXTERNAL CORROSION PROTECTION OF BURIED BLOCK
VALVE

DOC. NO. - P.010416-D-11097-008

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	<p>SPECIFICATION COATING MATERIAL BLOCK VALVE</p>	<p>P.010416 D11097 008</p>
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1.0 SCOPE

This standard specification defines the minimum performance requirement for petrolatum or wax tape coat system to be used for external corrosion protection of buried steel block valves in concrete pits.

The system shall comprise of:

- Petrolatum or wax paste,
- Profiling petrolatum or wax mastic
- An inner tape comprising of non-woven synthetic fabric carrier fully impregnated with a compound based on petrolatum or wax, Non-Toxic, Non-Carcinogenic, No VOC, containing inert fillers and water displacing agents. The tape shall be backed with PE or PP backing.
- An outer self-adhesive PE/PVC (2ply) for mechanical protection

2.0 GENERAL REQUIREMENT

In order to qualify a coating system for block valves, the coating manufacturer shall submit a detailed track record of the offered tape system have been used for coating of block valves in India / USA / Europe / ME in the last 10 years. Further, the coating manufacturer shall submit detailed independent test report conforming compliance to all the properties & requirements listed in this specification as per ISO21809-Part 3 2016 / NACE RP0375-2006. The test report shall cover all the properties as listed in this specification and shall be witnessed by International reputed certification agencies like Bureau Vertias, ABS, LRS, RWTUV, RINA or issued by independent test laboratories like DVGW Germany, Shell Global Solutions Holland, DNV-GL, Charter Coating Canada,. The test report shall not be older than five years from the date of the tender. Production facility from where the coating material is produced may be subjected to inspection by the Owner / PMC, prior to finalization of award.

3.0 REFERENCES

The following referenced documents are indispensable for the application of this document. Only the latest edition of the referenced document (including any amendments) applies.

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- 3.2 NACE RP 0375 Field applied underground wax coating system for underground pipelines: Application, Performance and Quality Control.
- 3.3 ISO 8501-1:2007 Preparation of steel substrates before application of paints and related products -- Visual assessment of surface cleanliness -- Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings
- 3.4 ISO 8501-2:1994 Preparation of steel substrates before application of paints and related products -- Visual assessment of surface cleanliness -- Part 2: Preparation grades of previously coated steel substrates after localized removal of previous coatings
- 3.5 ISO 8501-3:2006 Preparation of steel substrates before application of paints and related products -- Visual assessment of surface cleanliness -- Part 3: Preparation grades of welds, edges and other areas with surface imperfections.

4.0 MATERIAL:

4.1 Paste:

The paste shall be microcrystalline wax or petrolatum compound, plasticizers, blended with inert fillers, corrosion inhibitors and wide spectrum biocide. It shall have a paste like consistency and shall be designed to displace moisture, penetrate rust and wet surface, ensuring adhesion of the wax/petrolatum tape. The paste shall be suitable for hand / brush application on a steel surface cleaned by power wire brush / hand wire brush to a surface finish of St2 or St3.

The manufacturer shall confirm the coverage of the paste and the shelf life of paste shall be at-least 5 years.

The manufacturer shall indicate recommended time lag between paste & profiling mastic and wax or petrolatum tape application. The primer/paste shall be free from any health hazard during storage and application. The offered paste shall be compatible with the offered profiling mastic, wax & petrolatum tape and shall be suitable for application at substrate temperatures ranges from ambient to 50°C and operation of the coated pipe from temperatures ranging from ambient to 35°C.

The paste shall be supplied in packing of 2 to 5 kg.

4.2 Profiling Mastic:

A cold applied self-supporting mastic for moulding irregular shaped fittings such as mechanical joints and valves to provide a suitable profile for wax or petrolatum tapes. It shall incorporate a blend of petrolatum or wax and polymer based components to form cold applied, self adhesive and self supporting mastic.

The mastic shall be used to create a smooth profile over irregularly shaped sections of the valves such as joints and flanges. The profiling mastic shall be supplied in packing of 2 to 5 kg. The profiling mastic shall be applied by hand and smoothened with a trowel

4.3 Petrolatum or wax tape- Inner wrap & PE/PVC outer tape

The petrolatum or wax tape is composed of a blend of microcrystalline wax / petrolatum compound , plasticizer and corrosion inhibitor saturated into a non woven, non stitch bonded synthetic fabric, forming a tape wrapper. The tape should be Non-Toxic, Non-Carcinogenic; No VOC, shall be backed with a PE / PP film.

The petrolatum or wax tape along with the paste, profiling mastic shall be able to provide the required specific electrical insulation resistance and corrosion resistance to prevent drainage of protective cathodic protection current and provide corrosion resistance to the steel surface. The petrolatum or wax tape shall be applied with a 50% overlap.

The petrolatum or wax tape shall be wrapped with PVC/PE tape with 50% overlap. The PVC/PE tape will be wrapped two with 50% overlap to provide mechanical protection to the petrolatum or wax tape.

It shall be a standard product of the manufacturer having established history of excellent performance.

4.4 Petrolatum or Wax tape:

Width: 100-200 mm

Roll Length: 10 or 20 meter

Thickness of the petrolatum tape: > 1 mm. Manufacturer shall specify thickness in the bid.

Tape Overlap: 50%

Application: By hand wrapping

Ambient temperature range: +10 to +50°C

Steel Surface temperature range: +5 to +50°C

4.5 PE/ PVC outer wrap

Outer wrap tape shall be a polymeric tape manufactured from PE/ PVC backing.

The outer wrap tape shall be fully compatible with the properties of the inner petrolatum or wax wrap.

The outer tape shall be supplied in roll form as per the following characteristics:

Width: 100mm

Roll Length: 30- 40 meters

Thickness of the tape: > 0.1mm

Tape Overlap: 50% (Tape shall be applied 2 times with 50% overlap)

Application: By hand wrapping


Ambient temperature range: +10 to +50°C

5.0 FUNCTIONAL REQUIREMENTS PROPERTIES OF PETROLATUM/WAX COATING SYSTEM

5.1 The Petrolatum/wax coating system comprising of petrolatum/wax tape, PE/PVC outer wrap with profiling mastic and primer/paste shall be suitable for application on power tool/wire brush cleaned steel surface with surface finish of St-2/ St-3. The overall applied thickness of the coating system $\geq 2.5\text{mm}$. The functional properties of the coating shall be as specified in Table-1.

Table- 1 Functional Properties of Petrolatum/Wax Coating

Property		Test temp.	Unit	Requirements	Test method ISO 21809-3
Functional Properties of Profiling Mastic					
Volume solids		23 °C	—	99%	
Drip resistance		—	45°C	No dripping	Annex K
Requirements of Petrolatum/wax Tape Coating System					
Thickness		—	mm	$\geq 2.5\text{mm}$	Annex B
Holiday detection at 5 kV		—	—	no holiday	Annex C
Impact resistance		23 °C	J/mm	≥ 0.8	Annex D
Indentation resistance	Test Pressure	23 °C	N/mm ²	0.1	Annex E
	Holiday detection		-	no holiday	
	Residual thickness		mm	≥ 0.6	
Specific electrical insulation resistance	R_{S100}	23 °C	$\Omega \cdot \text{m}^2$	$\geq 10^6$	Annex F
	R_{S100}/R_{S70}		—	≥ 0.8	
Cathodic disbondment resistance at 28 days		23 °C	mm	< 20	Annex G
Drip resistance		45 °C	-	No dripping of compound	Annex K
Peel strength of inner petrolatum/wax tape to steel pipe surface		23 °C	-	leave a film of compound on the substrate	-
Peel strength of outer PVC wrap to self		23 °C	N/mm	>0.1	ASTMD1000

	<p style="text-align: center;">SPECIFICATION COATING MATERIAL BLOCK VALVE</p>	<p style="text-align: center;">P.010416 D11097 008</p>
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6.0 COATING APPLICATION

6.1 Surface Preparation

- 6.1.1 Surface conditioning: Block Valve shall be made free from mud, mill scale, coal tar, oil, grease or any other foreign material. If required, surface may be pre-cleaned according to SSPC-SP1 to remove oil, grease and loosely adhering deposits. Visible oil and grease spots shall be removed using a solvent. Only solvents that do not leave a residue shall be used.
- 6.1.2 Surface preparation of the steel surface shall be carried out by means of wire-brush cleaning in accordance to a minimum degree of cleanliness of ISO 8501-1 grade St 2.

6.2 Application of polyethylene tapes


- 6.2.1 Paste: The paste shall be applied on the wire brush cleaned steel surface with a trowel or using a gloved hand. The coverage of the paste is minimum 0.35Kg / m² of pipe surface area and the paste shall be applied uniformly around the surface area,
- 6.2.2 Profiling mastic: The mastic shall be used to create a smooth profile over all irregularly shaped sections of the valves and flanges including bolts.
- 6.2.3 Inner petrolatum tape: The inner petrolatum tape of width 100 mm shall be applied on Valve surface by wrapping with hand and maintaining a 50 % overlap.
- 6.2.4 Outer tape (PE/PVC): The outer-layer tape of width 100mm shall be applied over the inner petrolatum layer tape by wrapping with hand and maintaining a 50 % overlap. The tape will be applied two times with 50% overlap.

6.3 Overlap

- 6.3.1 The tape overlaps for inner & outer wrap shall be 50% of the width of the tape.
- 6.3.2 The overlap of tapes on existing applied coating shall be at least 100mm or as per manufacturer's required overlap if greater than 100mm
- 6.3.3 The overlap of the inner and outer tape during the application of the subsequent roll shall be at least 100mm or as per manufacturer's required overlap if greater than 100mm

6.4 Coating Manufacturer's Training & Supervision

The coating manufacture (to whom order will be placed) shall provide assistance for the following:

	<p align="center">SPECIFICATION COATING MATERIAL BLOCK VALVE</p>	<p align="center">P.010416 D11097 008</p>
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- 6.4.1 Demonstrating proper method of application of coating systems.
- 6.4.2 Conducting Procedure Qualification Trial (PQT) as per ISO 21809 Part 3 2016 Clause 7 “Application procedures and qualification” sub clause 7.3. This is required to ensure correct use of coating material and to train applicators of nominated coating contractor. The PQT will be done on mock up valve supplied by the Owner. Only those coating applicators trained by the Coating manufacturer representative shall be deployed. The consumption of the material for coating / valve of 14” and 16” shall be recorded.
- 6.4.3 At the start of the coating works in the 1st year, the coating supplier shall depute five coating supervisors for carrying out PQT and training of contractors applicators for Pipeline and Block Valves at five spreads as the work will start simultaneously. The duration of stay for each coating supervisor shall be 7 days.

For subsequent years, coating manufacturer shall depute two coating supervisor for duration of 10 days each for supervision/training and certification of coating applicators for Pipeline and Block Valves, such visits shall be two times per year. It may be noted that all the five supervisors may not be required to be deployed at the same time. Purchaser will intimate the deployment schedule of each supervisor based on site requirement.

7.0 STORAGE LIFE, PACKAGE AND MARKING

7.1 Storage Life

- 7.1.1 The paste, profiling mastic & tape material (inner and outer) shall have a shelf life of at least 5 years from the date of delivery when stored in original covered containers at temperatures between 0 to 50°C.
- 7.1.2 All material shall be packaged in suitable cardboard containers and in quantities (by weight) which can reasonably handled by the applicators. The packaging shall be such that during transportation and storage at owners store and subsequent transportation and handling at site, full quantity and performance of the material is retained. The supplier is to make that material shall be in waterproof packaging to prevent moisture ingress.
- 7.1.3 As the material will be transported by ship and by road for long distances and also the multiple handling of items by crane or fork lifting equipment will be done during change of containers at port and at site. The packing should be very good to endure all the handling and transportation. The tapes will be packed in cardboard boxes of sufficient strength to withstand transportation and handling and will be shrink wrapped. The boxes will be palletized in wooden crates. The height of the wooden pallet shall not be more than 1.25 m or it may topple during handling and storage. Details of packaging will be highlighted by the coating manufacturer in their technical offer.

7.2 Marking:

- 7.2.1 Following shall be clearly marked (as a minimum) on the cardboard container of the paste/profiling mastic in English:
 - a. Trade name and generic type
 - b. Reference Batch no.
 - c. Date of manufacture
 - d. Quantity (in Kgs)
 - e. Shelf life
 - f. Health hazards and handling instructions
 - g. Manufacturers name and address
 - h. Each box will have MSDS in English.
 - i. OIL India Purchase order number

- 7.2.2 Following shall be clearly marked (as a minimum) on the cardboard container of the inner & outer tapes in English:
- Trade name and generic type
 - Reference Batch no.
 - Date of manufacture
 - No of rolls
 - Roll sizes – Width (mm) x Length (m) & core size
 - Manufacturers name and address
 - Shelf life
 - OIL India Purchase order number

7.2.3 Each roll of inner and outer tape shall be marked with the following:

- Trade name and type
- Length of roll (in m)
- Reference batch no

8.0 INSPECTION AND TESTING:

8.1 Sampling

At least one sample from each lot shall be tested for paste, profiling mastic, inner tape and outer tape. Coating manufacturer will submit sampling plan along with the offer.

8.2 Inspection and Testing

- 8.2.1 The Inspection and Testing Plan (ITP) is to be submitted by the Coating manufacturer for review by Owner / PMC before starting the production. The ITP shall identify all inspection activities and tests, their frequency and the relevant inspection authorities.
- 8.2.2 All properties mentioned in this specification shall be tested at manufacturing facility with their in-house test facilities as per the test method indicated under column “Test Methods”. The tests shall be inspected by PMC representative and may be witnessed by Owner’s representative. The vendor shall provide all necessary assistance to the Inspection Team.
- 8.2.3 Long duration tests – Specific Electrical resistance, the coating manufacturer shall submit independent test report from the above mentioned laboratories and certified by independent certification agencies for review and acceptance. However OWNER / PMC reserve the right to select any samples from the coating material manufactured and have the material tested for these two properties during the tenure of the contract. The samples will be prepared by the coating manufacturer in accordance with ISO 21809 – Part 3 2016 requirements.
- 8.2.4 Any material not conforming to specification shall be rejected.
- 8.2.5 The test certificates prepared by PMC shall be submitted to the Owner for review. Dispatch of consignment shall be affected only after receiving the clearance from the purchaser.

8.3 Retest

If any of the test fails, the test shall be repeated, No further failure is allowed.

8.4 Visit to Manufacturing Plant

OIL reserves the right to visit the manufacturing premises during the manufacturing process to verify, check and expedite the process of manufacturing. Any observations made by OIL in this regard during its visit will be reported to PMC for appropriate action.

9.0 PRODUCT INFORMATION TO BE FURNISHED BY BIDDER:


- 9.1 Bidder has to produce documentary evidence (laboratory test certificate) for ensuring that the tape material offered by the vendor fully conforms to ISO 21809-3 / NACE RP 0375 standard.
- 9.2 Product information sheets including procedures for handling, storage, and application of the proposed coating material. All documentation will be in English.
- 9.3 Material Safety Data Sheets (MSDS). MSDS will be in English and will be in line latest shipping, safety and health / environmental regulations.
- 9.4 Sourcing of Raw material / finished material
- 9.5 Performance test certificates of the offered coating. Certification shall be by an independent laboratory or inspection agency. Certificates older than 5 years from the date of sale of this tender shall not be accepted.
- 9.6 Sampling plan
- 9.7 Manufacturing inspection test plan
- 9.8 Application PQT and PPT formats.
- 9.9 Consumption of primer & profiling mastic


10.0 SUPPLY HISTORY TO BE FURNISHED BY THE BIDDER:

- 10.1 Bidder has to provide the supply record of the offered brand of coating material to hydrocarbon pipeline operator during last 10 years indicating the following:

Table 3: Supply History								
S. No.	Coating generic name	Coating brand name	Name of pipeline company	Service fluid	Order quantity	Order value	Contact details of person concern	Year of supply

- 10.2 Copy of the purchase orders
- 10.3 Performance certificate from the end users (Pipeline operator/owner)

		QUALITY ASSURANCE PLAN (QAP) PETROLATUM TAPE COATING SYSTEM				QAP No. P.010416-D-11098-005		
						Date: 20.11.2017 Revision-0		
						Prepared By: MK		
						Checked By : MS		
						Approved By: SKH		
Sr No	Activity	Test Frequency	Acceptance Criteria	Documentation	Reference Documentation	Test Method	Scope of Inspection	
							Manufacturer	PMC / Owner
1	Prior to Regular Production							
1.1	Raw material acceptance/ Review of raw Material Test Certificates	Per Lot	Manufacturer's data	Test Report	Raw Material manufacturer's test certificates		P	R
2	Regular Production							
2.1	Paste							
2.1.1	Density	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809 / DIN EN 12068	P	W - Ist Lot / R balance
2.1.2	Solid Content	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809 / DIN EN 12068	P	W - Ist Lot / R balance
2.1.3	Drying time	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809 / DIN EN 12068	P	W - Ist Lot / R balance
2.2	Inner Petrolatum / Wax Tape							
2.2.1	Thickness of backing PE or PP	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.2.2	Total thickness of tape	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.2.3	Width deviation	Per Lot	Manufacturer's data	Test Report	Specification		P	W - Ist Lot / R balance
2.2.4	Length of the roll	Per Lot	Manufacturer's data	Test Report	Specification		P	W - Ist Lot / R balance
2.3	Outer Tape - PE or PVC							
2.3.1	Thickness adhesive side 1	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.3.2	Thickness of backing PE or PVC	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.3.3	Total thickness of tape	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.3.4	Tensile strength	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.3.5	Elongation %	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.3.6	Width deviation	Per Lot	Manufacturer's data	Test Report	Specification		P	W - Ist Lot / R balance
2.3.7	Length of the roll	Per Lot	Manufacturer's data	Test Report	Specification		P	W - Ist Lot / R balance


		QUALITY ASSURANCE PLAN (QAP) PETROLATUM TAPE COATING SYSTEM				QAP No. P.010416-D-11098-005			
Date: 20.11.2017 Revision-0									
Prepared By: MK									
Checked By : MS									
Approved By: SKH									
Sr No	Activity	Test Frequency	Acceptance Criteria	Documentation	Reference Documentation	Test Method	Scope of Inspection		
							Manufacturer	PMC / Owner	
3	Functional Acceptance Testing								
3.1	Total Thickness Applied	One per shipment	≥2.5mm	Test Report	Specification	ISO 21809	P	W	
3.2	Impact strength at 23 °C	One per shipment	≥2 J	Test Report	Specification	ISO 21809	P	W	
3.3	Indentation at 23 °C	One per shipment	0.1 N/mm ² , ≤0.6mm	Test Report	Specification	ISO 21809	P	W	
3.4	Cathodic disbondment at 28 days @ 23 °C -petrolatum tape - Wax tape	Oner per shipment	≤ 20 ≤ 12	Test Report	Specification	ISO 21809	P	W	
3.5	Peel strength at 23 °C: - inner layer to pipe: - outer to outer:	One per shipment	leave a film of compund on the substrate ≥ 0.1 N/mm	Test Report	Specification	- ASTM D 1000	P	W	
3.6	Specific electrical insulation resistance – RS ₁₀₀ at 23 °C 'Ω·m ² RS100/RS70 at 23 °C 'Ω·m ²	Review of Test Report issued by DVGW / Equivalent	≥ 10 ⁶ ≥ 0.8	Third Party Test Lab Report	Specification	ISO 21809-3 /EN12068	P	R	
3.7	Water vapour Transmission at 23 °C	One per shipment	≤0.006 perms	Test Report	Specification	ASTM E 96	P	W	
3.8	Drip resistance at 45 ⁰ C	One per shipment	No dripping	Test Report	Specification	ISO 21809	P	W	
Note	Long duration test specified at Sr. No 3.6 shall have to be performed by the Manufacturer at the discretion of OWNER / PMC								
	Legend								
	M=Manufacturer	W = Witness							
	PMC = Project Management Consultant	R = Review							
	O = OWNER	P=Perform							

<div>TRACTEBEL</div> <div>ENGIE</div>		QUALITY ASSURANCE PLAN (QAP) PETROLATUM TAPE COATING SYSTEM BLOCK VALVE				QAP No. P.010416-D-11098-006		
						Date: 20.11.2017 Revision-0		
						Prepared By: MK		
						Checked By : MS		
						Approved By: SKH		
Sr No	Activity	Test Frequency	Acceptance Criteria	Documentation	Reference Documentation	Test Method	Scope of Inspection	
							Manufacturer	PMC / Owner
1	Prior to Regular Production							
1.1	Raw material acceptance/ Review of raw Material Test Certificates	Per Lot	Manufacturer's data	Test Report	Raw Material manufacturer's test certificates		P	R
2	Regular Production							
2.1	Paste							
2.1.1	Density	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809 / DIN EN 12068	P	W - Ist Lot / R balance
2.1.2	Solid Content	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809 / DIN EN 12068	P	W - Ist Lot / R balance
2.1.3	Drying time	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809 / DIN EN 12068	P	W - Ist Lot / R balance
3	Profiling mastic							
3.1	Drip resistance at 45 ⁰ C	Per Lot	No dripping	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.3	Inner Petrolatum / Wax Tape							
2.3.1	Thickness of backing PE or PP	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.3.2	Total thickness of tape	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.3.3	Width deviation	Per Lot	Manufacturer's data	E	Specification		P	W - Ist Lot / R balance
2.3.4	Length of the roll	Per Lot	Manufacturer's data	Test Report	Specification		P	W - Ist Lot / R balance
2.4	Outer Tape - PE or PVC							
2.4.1	Thickness adhesive side 1	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.4.2	Thickness of backing PE or PVC	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.4.3	Total thickness of tape	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.4.4	Tensile strength	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.4.5	Elongation %	Per Lot	Manufacturer's data	Test Report	Specification	ISO 21809	P	W - Ist Lot / R balance
2.4.6	Width deviation	Per Lot	Manufacturer's data	Test Report	Specification		P	W - Ist Lot / R balance
2.4.7	Length of the roll	Per Lot	Manufacturer's data	Test Report	Specification		P	W - Ist Lot / R balance

<div>TRACTEBEL</div> <div>ENGIE</div>		QUALITY ASSURANCE PLAN (QAP) PETROLATUM TAPE COATING SYSTEM BLOCK VALVE				QAP No. P.010416-D-11098-006		
						Date: 20.11.2017 Revision-0		
						Prepared By: MK		
						Checked By : MS		
						Approved By: SKH		
Sr No	Activity	Test Frequency	Acceptance Criteria	Documentation	Reference Documentation	Test Method	Scope of Inspection	
							Manufacturer	PMC / Owner
3	Functional Acceptance Testing							
3.1	Total Thickness Applied	One per shipment	≥2.5mm	Test Report	Specification	ISO 21809	P	W
3.2	Impact strength at 23 °C	One per shipment	≥2 J	Test Report	Specification	ISO 21809	P	W
3.3	Indentation at 23 °C	One per shipment	0.1 N/mm ² , ≤0.6mm	Test Report	Specification	ISO 21809	P	W
3.4	Cathodic disbondment at 28 days @ 23 °C -petrolatum tape - Wax tape	Oner per shipment	≤ 20 ≤ 12	Test Report	Specification	ISO 21809	P	W
3.5	Peel strength at 23 °C: - inner layer to pipe: - outer to outer:	One per shipment	leave a film of compound on the substrate ≥ 0.1 N/mm	Test Report	Specification	- ASTM D 1000	P	W
3.6	Specific electrical insulation resistance – RS ₁₀₀ at 23 °C Ω·m ² RS100/RS70 at 23 °C Ω·m ²	Review of Test Report issued by DVGW / Equivalent	≥ 10 ⁶ ≥ 0.8	Third Party Test Lab Report	Specification	ISO 21809-3 /EN12068	P	R
3.7	Water vapour Transmission at 23 °C	One per shipment	≤0.006 perms	Test Report	Specification	ASTM E 96	P	W
3.8	Drip resistance at 45 ⁰ C	One per shipment	No dripping	Test Report	Specification	ISO 21809	P	W
Note	Long duration test specified at Sr. No 3.6 shall have to be performed by the Manufacturer at the discretion of OWNER / PMC							
	Legend M=Manufacturer PMC = Project Management Consultant O = OWNER		W = Witness R = Review P=Perform					

ANNEXURE – BB

BID REJECTION CRITERIA AND BID EVALUATION CRITERIA

	BID REJECTION CRITERIA AND BID EVALUATION CRITERIA	P.010416 R11050 004
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ANNEXURE-BB

1.0 BID REJECTION CRITERIA

The bids must conform to the specifications, terms, and conditions given in the NIT. Bids shall be rejected in case the items offered do not conform to the required parameters stipulated in the technical specifications and to the respective international/national standards wherever stipulated. Notwithstanding the general conformity of the bids to the stipulated specifications and terms and conditions, the following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected,

- 1.1 Bidders shall offer firm price during the Contract duration and not subject to variation on any account except statutory variations as specified in bid document. Bids with adjustable price shall be treated as non-responsive and rejected.
- 1.2 Validity of the Bids shall be minimum 120 (One Hundred Twenty) days. Bids with lesser validity will be rejected.
- 1.3 Bids received after bid closing date and time shall be rejected. Also, modification of Bids received after Bid Closing date/time shall not be considered.
- 1.4 Bidders shall quote directly and not through their agent in India. Offers made by their Indian Agents on behalf of their foreign Principals will be rejected. Similarly, Bids received from unsolicited parties shall be rejected.
- 1.5 Any offer containing incorrect statement will be rejected.
- 1.6 Bids without original Bid Security as per Clause 9.0 of Section A of **OIL'S BOOKLET REF. MM/GLOBAL/E-1/2005** and confirmation regarding submission of requisite Performance Security as per Para 10.0 of Section A of **OIL'S BOOKLET REF. MM/GLOBAL/E-1/2005**, shall be rejected.
- 1.7 Bids not submitted in compliance with Para 12.1 of Section A of **OIL'S BOOKLET REF. MM/GLOBAL/E-1/2005**, will be rejected.
- 1.8 The bids shall conform generally to the specifications and terms and conditions given in the tender. Bids shall be liable for rejection in case the goods offered don't conform to the required parameters stipulated in the technical specifications and to the respective international / National standards wherever stipulated.
- 1.9 The bidder shall quote unit rates / prices in the appropriate format for "Price Schedule" enclosed as part of bidding document. Bidder to ensure that each column of the "Price Schedule" is filled with amount.
- 1.10 Offer received without Integrity Pact duly signed by authorized signatory of the bidder will be rejected.
- 1.11 Bidder must accept and comply with the Following clauses as given in the bid document in toto failing which bid will be reliable for rejection.
 - i) Price Schedule
 - ii) Performance Security

2.0 BID EVALUATION CRITERIA

- 2.1 Bids which are found to be responsive and meeting the requirement both specification wise and terms and conditions in the enquiry will be considered for final evaluation.
- 2.2 Technical
 - 2.2.1 The Bidder must be a manufacturer or supplier authorized by manufacturer of the quoted materials.

If the manufacturer does not sell his products directly but through his supplier, he can authorize a single supplier to submit the bid. In such case, the supplier should have worked with the manufacturer for the offered product at least for the past 3 years reckoned from date of bid submission. In such case the manufacturer shall have the prime responsibility of providing unconditional technical and after sales support to the purchaser. A latest confirmation by the manufacturer to this effect shall be submitted along with the bid.

Note

- One manufacturer can quote only through one supplier.
- One supplier can quote same product of one manufacturer only.
- The bid shall be liable for rejection, in case of any change of the manufacturer for the aforesaid materials after submissions of bid.

2.2.2 The bidder should have completed single order for supply of quoted materials, in India / USA / Europe /Middle East for rehabilitation of hydrocarbon pipelines, for a value as per table given below in last seven years reckoned from the original bid submission date.

Description	Indian Bidders- Value of Single order completed - in INR	Foreign Bidders –Value of Single order completed – in USD
Petrolatum Tape	1.20 Crore	183,000

Documents required for meeting technical BEC requirement,

- The bidder shall furnish documentary evidence such as purchase order, inspection release note or completion certificate of relevant previous supplies / works and product catalogue, reference list of previous supplies and details of manufacturing, inspection & testing facilities at proposed mill (s) coating plant (s), as applicable, in support of meeting the above qualification criteria along with the bid otherwise the bid will be considered as non – responsive and hence rejected.
- The bidder shall provide credential of offered materials in the form of performance certificate of satisfactory usage / application of the materials in cross – country hydrocarbon pipelines since last 7 (seven) years from owner of hydrocarbon pipelines.

In absence of requisite documents, OIL/Tractebel reserves the right to reject the bid without making any reference to bidders.

2.2.3 The Manufacturer shall meet requirement of the Technical specification.

2.3 Financial

2.3.1 **Annual Financial Turnover** of the bidder during any of preceding three financial / accounting years from original bid closing date should be as per below table,


Description	Indian Bidders- Minimum Turnover - in INR	Foreign Bidders –Minimum Turnover – in USD
Petrolatum Tape	1.20 Crore	183,000

2.3.2 Net worth of the bidder shall be positive for preceding financial / accounting year.

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 statement s for the financial year(as the case may be) has actually not been audited so far.

Note:

- For proof of annual turnover & net worth any of the following document must be submitted along with the bid:

	BID REJECTION CRITERIA AND BID EVALUATION CRITERIA	P.010416 R11050 004
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- i. A certificate issued by a practicing chartered / Cost account (with membership number and firm Registration Number), certifying the annual turnover & net worth as per format prescribed in ANNEXIRE CC.

Or

- ii. Audited balance sheet along with profit & loss account. In case of foreign bidders, self- attested signed printed published accounts are also acceptable.
- 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.

- 2.3.3 In case the audited balance sheet and profit loss account submitted along with the bid are in currencies other than INR or USD, the bidder shall have to convert the figures in equivalent INR or USD considering the prevailing conversion rate on the date on which the audited balance sheet and profit & loss account is signed. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or USD.

In absence of requisite documents, OIL/Tractebel reserves the right to reject the bid without making any reference to bidders.

- 2.3.4 For the bidders whose financial year is calendar year, for such bidders the audited financial results for year 2014, 2015 and 2016, shall be applicable in lieu of 2014-15, 2015-16 and 2016-17.

- 2.3.5 Bidder should not be under liquidation, court receivership or similar proceedings.

- 2.3.6 Bidders shall not be under a declaration of ineligibility by Purchaser for corrupt or fraudulent practices.

- 2.4 Evaluation shall be carried out for complete scope of work means all SOR line items.

- 2.5 In the event of computational error between unit price and total price, unit price shall prevail and adopted for evaluation.

- 2.6 Similarly, in the event of discrepancy between words and quoted figure, words will prevail.


- 2.7 For conversion of foreign currencies into Indian Rupees, B.C. selling (Market) rate declared by State Bank of India (SBI) one day prior to the date of price bid opening shall be considered. However, if the time lag between the opening of the bids and final decision exceeds 3 (three) months, then B.C. selling (Market) rate of exchange declared by SBI on the date prior to the date of final decision shall be adopted for conversion.

3.0 COMPARISON OF PRICE BID OFFERS:

- 3.1 When only foreign bidders are involved

- 3.1.1 Comparison of offers will be done on total value including the following:-

1. FOB Value as quoted
2. Ocean Freight Charges up to Kolkata as quoted
3. Insurance Charges @ 0.5% of total FOB value as per Sl.No.1 above
4. Banking Charges @ 1% of total FOB Value (Sl.No.1 above) in case of payment through Letter of Credit (L/C). If confirmed L/C at buyers account is required, 1.5% of total FOB value (Sl.No.1 above) will be loaded.
5. CIF Value (1+2+3+4)
6. Landing Charges 1% on CIF Value (Sl.No.5 above)
7. CIF landed Value (5+6)
8. Basic custom duty (including cess, if any) on Sl.No.7 above.
9. CIF Landed Value + Custom duty (7+8)
10. IGST (Including Cess if any) on Sl.No.9 above.
11. Compensatory Cess, if any on Sl.No.10 above.

	BID REJECTION CRITERIA AND BID EVALUATION CRITERIA	P.010416 R11050 004
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12. CIF+CD+IGST--Landed Value (Sl. No. 9 +10+11 above)

3.2 When both foreign and domestic bidders are involved:

3.2.1 Following shall be evaluated.

Indian Bidders:


The evaluated price of domestic Indian bidders shall include the following:-

- 1 Total Ex-Works value as quoted
2. GST on Sl.No.1 above
3. Compensatory Cess, if any
4. Total FOR Dispatching Station Value (1+2+3)

Foreign Bidders:-

The evaluated price of foreign bidders shall include the following:-

1. FOB Value as quoted
2. Ocean Freight Charges up to Kolkata as quoted
3. Insurance Charges @ 0.5% of total FOB value as per Sl.No.1above.
4. Banking Charges @ 1% of total FOB Value (Sl.No.1 above) in case of payment through Letter of Credit (L/C). If confirmed L/C at buyers account is required, 1.5% of total FOB value (Sl.No.1 above) will be loaded.
5. CIF Value (1+2+3+4)
6. Landing Charges 1% on CIF Value (Sl.No.5 above)
7. CIF landed Value (5+6)
8. Basic custom duty (including cess, if any) on Sl.No.7 above.
9. CIF Landed Value + Custom duty (7+8)
10. IGST (Includinf Cess if any) on Sl.No.9 above.
11. Compensatory Cess, if any on Sl.No.10 above.
12. CIF+CD+IGST--Landed Value (Sl.No. 9 +10+11 above)

	BID REJECTION CRITERIA AND BID EVALUATION CRITERIA	P.010416 R11050 004
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- 3.3 When only domestic bidders are involved:
- 3.3.1 Comparison of offers will be done on total value including the following:-
1. Total Ex-Works value as quoted
 2. GST on Sl.No.1 above
 3. Compensatory Cess, if any
 4. Total FOR Dispatching Station Value (1+2+3)
 5. Inland Freight Charges up to purchaser's Store
 6. GST on Sl.No.5 above
 7. Insurance Charges @ 0.5% inclusive of GST on Sl.No.1 above.
 8. Total value on FOR purchaser's Store basis (4+5+6+7).
- 3.4 At the time of evaluation of the offers, past performance of bidder will be considered / evaluated. If the same is not found to be satisfactory, the offer maybe considered as unacceptable offer and rejected.
- 3.5 Insurance and banking charges (in India) will be assumed as 1.5% (0.5%+1%) of the FOB prices in case of foreign offers. In case bidder / supplier ask for confirmed L/C, all expenses on this account will be to supplier's account. In case of domestic bidders, extra @ 0.5% shall be loaded on F.O.R. dispatching point value towards insurance charges to arrive at F.O.R. destination price.
- 4.0 In case of any conflict between the Bid Rejection Criteria / Bid Evaluation Criteria stipulated in this Section with that given in the Notice Inviting Tender (NIT) against specific Tender, those mentioned in "Bid Rejection Criteria / Bid Evaluation Criteria" Annexure-BB against specific Tender will prevail.

ANNEXURE – CC

FORMS

	ANNEXURES CC - FORMS	P.010416 R11050 004
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Form – 1 A (For Indian bidders)

Certificate of Annual Turnover & Net Worth

Bidder must submit this form
(In case of Consortium each member to submit this form)

“TO BE ISSUED BY PRACTICING CHARTERED ACCOUNTANT FIRM ON THEIR LETTER HEADS”

TO WHOM IT MAY CONCERN

This is to certify that the following financial positions extracted from the audited financial statements of M/s _____ (Name of the Bidder) for the last three (3) completed accounting years (ending March 2017) are correct.

Year (FY)	Turn Over Amount (in INR)	Net Worth (in INR)
2014-2015		
2015-2016		
2016-2017		

Place:

Date:

Seal:

Membership No:

Registration Code:

Signature

	ANNEXURES CC - FORMS	P.010416 R11050 004
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Form – 1 B (For Foreign bidders)

Certificate of Annual Turnover & Net Worth

Bidder must submit this form
(In case of Consortium each member to submit this form)

“TO BE ISSUED BY STATUTORY AUDITORS ON THEIR LETTER HEADS”

TO WHOM IT MAY CONCERN

This is to certify that the following financial positions extracted from the audited financial statements of M/s _____ (Name of the Bidder) for the last three (3) completed accounting years (ending December 2016) are correct.

Year (FY)	Turn Over Amount (in USD)	Net Worth (in USD)
2014		
2015		
2016		

Place:

Date:

Seal:

Membership No:

Registration Code:

Signature

	ANNEXURES CC - FORMS	P.010416 R11050 004
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Form – 2

Details of Work Done
(For satisfying the Bid Evaluation Criteria)

Sl. No	Description of Work	Location of Work	Client Address and contact details including email	Value of Contract	Schedule Completion Date	Date of Actual Completion	Reasons for Delay, if any

Note:

1. Copies of Completion Certificates along with Work Orders/Contract Documents of the Works as per Bid Evaluation Criteria are to be enclosed.
2. Work completed earlier than the period indicated in Bid Evaluation Criteria need not be indicated here.
3. List of work, not as per qualifying criteria indicated in Bid Evaluation Criteria need not be indicated here.

**SEAL AND SIGNATURE OF THE
BIDDER**

	ANNEXURES CC - FORMS	P.010416 R11050 004
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FORM – 3

Present Commitments of the Bidder
(In case of Consortium each member to fill this form)

Sl. No	Description of Work	Client & Address	Value of Contract	Contract Period	Date of Commencement of Work	% of Completion as on date	Expected Date of Completion	Remarks

Note:

1. This list must be a full list of all type of works in hand.

**SEAL AND SIGNATURE OF THE
BIDDER**

	ANNEXURES CC - FORMS	P.010416 R11050 004
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FORM – 4

(Not Applicable)

	ANNEXURES CC - FORMS	P.010416 R11050 004
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FORM – 5

CHECK LIST

Bidders are requested to duly fill in the checklist. This checklist gives only certain important items to facilitate the bidder to make sure that the necessary data/information as called for in the bid document has been submitted by them along with their offer. This, however, does not relieve the bidder of his responsibilities to make sure that his offer is otherwise complete in all respects.

Please ensure compliance and fill in relevant information against following points:

Sl. No	Description	Document Name	Pg. No of Document	Complied Yes/No
1	Bid document complete in all respects with pages in sequential order.	----	----	
2	Confirm that the price bid has been duly filled in for each item and complete in all respects	----	----	
3	Confirm that annual financial reports for last three financial years (ending March'2017) submitted with Technical Bid.			
4	Confirm that the certificate (as per Form 1) issued on letter head of the Chartered accountant firm is enclosed with Technical Bid.			
5	Confirm that the copies of GST registration, PAN, PF, "Certificate of incorporation" from Registrar of companies are submitted with the offer.			
6	Confirm that copies of documents establishing the bidder's experience & eligibility are enclosed with Technical Bid.			
7	Confirm that the duly filled in Form 2 & 3 are enclosed with Technical Bid..			
8	Confirm that the notarized Bio-Data/CV of the Key personnel viz: Project Manager, Design Manager, Resident Construction Manager, Planning Manager, Contracts Manager, Finance Manager are enclosed with Technical Bid.	NOT APPLICABLE		
9	Confirm that the duly filled in Form 4 is enclosed with Technical Bid.	NOT APPLICABLE		
10	Address of the factory from where the goods will be despatched.			
11	HSN no. for the material offered.			

SEAL AND SIGNATURE OF THE BIDDER

	ANNEXURES CC - FORMS	P.010416 R11050 004
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Form - 6

DECLARATION (ON BIDDER'S LETTER HEAD)

Oil India Ltd.
PO : Udayan Vihar,
Guwahati- 781171
Assam

Subject- Tender no. SGG 6455P18 dated 27.11.17 for Supply of Coating Materials

We confirm that

1. We are not under any liquidation, court receivership or similar proceedings.
2. We are not under a declaration of ineligibility by Purchaser for corrupt and fraudulent practices.
3. We are not banned / put on holiday by any Government / PSU firm.
4. We have not been convicted by any court of law in last 5 years reckoned from bid due date.

SEAL AND SIGNATURE OF BIDDER


ANNEXURE – DD

BANK DETAIL

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

1. Tender No. :
2. Name of Beneficiary : M/s.....
3. Vendor Code :
4. Address :
:
5. Phone No. (Land Line) :
6. Mobile No. :
7. E-mail address :
8. Bank Account No.
(Minimum Eleven Digit No.) :
9. Bank Name :
10. Branch :
11. Complete Address of your :
12. Bank :
13. IFSC Code of your Bank
a) RTGS :
b) NEFT :
14. PAN :
15. GST Registration no. :
16. 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.

	<p align="center">ANNEXURES DD – BANK DETAILS</p>	<p align="center">P.010416 R11050 004</p>
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.....
Signature of Vendor
Seal


Counter Signed by Banker:
Seal of Bank:

Enclosure: Self attested photocopies of the following documents-

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

ANNEXURE – EE

INTEGRITY PACT

	ANNEXURE EE – INTEGRITY PACT	P.010416 R11050 004
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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
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.

	ANNEXURE EE – INTEGRITY PACT	P.010416 R11050 004
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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.

	<p align="center">ANNEXURE EE – INTEGRITY PACT</p>	<p align="center">P.010416 R11050 004</p>
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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 intentions.

.....

For the Principal

.....

For the Bidder/Contractor

Witness 1:

Witness 2:

Place.

Date . |

At the helm of the Energy Transition, Tractebel provides a full range of engineering and consulting services throughout the life cycle of its clients' projects, including design and project management. As one of the world's largest engineering consultancy companies and with more than 150 years of experience, it's our mission to actively shape the world of tomorrow. With about 4,400 experts and offices in 33 countries, we are able to offer our customers multidisciplinary solutions in energy, water and infrastructure.

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