OIL INDIA LIMITED

(A Government of India Enterprise)
P.O. Duliajan, Pin – 786602
Dist-Dibrugarh, Assam

CORRIGENDUM NO. 1 DATED 27.11.2017 TO E-TENDER NO. IFB No. CDO4938P18 for **Laying/Construction of 19.30 km long of different sizes of 3 LPE coated pipelines for handling Produced Water Re-Injection network (PWRI) project, in OIL'S Operational Areas in the state of Assam. location of work are i) One no. 200mm NB; & ii) Two nos. 150mm NB from Tengakhat ETP to Hatiali scraper trap area of length 4.1 km each; iii) One pipeline 100mm NB diameter from Kothaloni to Tengakhat ETP of length 5 km; iv) One pipeline 100mm NB diameter from Tengakhat OCS to Tengakhat ETP of length 2 km.**

This Corrigendum is issued for the following changes against the referred tender:

1. The line item nos. 230, 240 and 250 in "**PART-II SOQ_CDO4938P18"** has been amended and uploaded in the "Amendments" folder in E-portal as replacement of the existing.

2. Last Date of Bid Selling extended up to **05.12.2017 (15:30 Hrs IST)**

3. Last Date of Bid Submission extended up to **07.12.2017 (11:00 Hrs IST)**

Except for above, there are no other changes in the original NIT published earlier. Prospective bidders are requested to take note of these changes.

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DESCRIPTION OF WORK/SERVICE: Laying/Construction of 19.30 KM long of different sizes of 3 LPE coated pipelines for handling Produced Water Re-injection Network (PWRI) project, in OIL's Operational Areas in the state of Assam. Location of Work are i) One no. 200mm NB; & ii) Two nos. 150mm NB from Tengakhat ETP to Hatiali scraper trap area of length 4.1 KM each; iii) One pipeline 100mm NB diameter from Kothaloni to Tengakhat ETP of length 5 KM; iv) One pipeline 100mm NB diameter from Tengakhat OCS to Tengakhat ETP of length 2 KM.

Part-II (SOQ) Schedule of Work, Unit and Quantity

Item No.	Description of Services	UOM	Estimated Quantity
10	**Transportation materials to site:** Handling, loading, transportation and unloading of owner supplied materials from owner's designated places of issue/dump site to contractors own stock yard/work shop/work site without causing any damage to the pipes, other materials. Defective pipes shall be rejected at yard prior to receiving with the approval of Company's Engineer. Length of the pipe will vary from 10 to 12 m.	TKM (Ton-Kilometre)	16,565
20	**Clearing and Grading:** Clearing/removal/disposal of farm corps, undergrowths, trees, any other items on the ROW segment/work area, Grading/Levelling/Bulldozing of existing/new ROW segment for entire width to make a levelled contour. All labour, equipment, consumables etc. shall be arranged and supplied by the Contractor. This item excludes roads/railways/water bodies' crossings.	M2 (Square Meter)	56,160
30	**Swabbing, cleaning & stringing for 200mm NB:** Manual stringing of pipe joints in sand bags along the ROW. Cleaning the inside of the pipe by manually or any other suitable means prior to welding. Checking of pipe ends by gauging tool. Pipe ends to be checked/repaired if required for welding. The tools and tackles required are to be provided by the Contractor. This item excludes roads/railways/water bodies' crossings.	M (Meter)	4,064.00
40	**Swabbing, cleaning & stringing for 150mm NB:** Manual stringing of pipe joints in sand bags along the ROW. Cleaning the inside of the pipe by manually or any other suitable means prior to welding. Checking of pipe ends by gauging tool. Pipe ends to be checked/repaired if required for welding. The tools and tackles required are to be provided by the Contractor. This item excludes roads/railways/water bodies' crossings.	M (Meter)	8,128.00
50	**Swabbing, cleaning & stringing for 100mm NB:** Manual stringing of pipe joints in sand bags along the ROW. Cleaning the inside of the pipe by manually or any other suitable means prior to welding. Checking of pipe ends by gauging tool. Pipe ends to be checked/repaired if required for welding. The tools and tackles required are to be provided by the Contractor. This item excludes	M (Meter)	6,928.00

	roads/railways/water bodies' crossings.		
60	**Qualification of welders, 150mm NB:** Contractor has to arrange for Qualification Test for Welders, Welding Procedure, Welding Rod proposed to be used as per API 1104. Contractor has to collect the test piece from the company's pipe yard and make the test piece for welders test. Third party inspection agency shall be engaged by contractor and the credentials of the TP have to be submitted. WQT procedure format, Welding rod Qualification format, radiography format and destructive test format shall be approved by the company. All the relevant document such as welding rod, machine have to be submitted before starting of the job. All machineries equipment has to be arranged by the contractor at no extra cost to the company.	JOB	1.00
70	**Welding of pipe joint, 200mm NB:** Welding of pipe joints as per API 1104. The electrodes shall be of suitable gauge and specification of E6010/E7010. The electrodes have to be tested and approved prior to welding. Welders engaged for this job shall be duly certified by the Company prior to his engagement. The contractor shall supply all the equipment /machinery/manpower consumables like electrodes, grinding disc, wooden skid as necessary for the job. The contractor shall have to provide canopy for the welding. The defective joints shall be repaired at contractor's cost. This item excludes roads/railways/water bodies' crossings.	NO (Number)	425.00
80	**Welding of pipe joint, 150mm NB:** Welding of pipe joints as per API 1104. The electrodes shall be of suitable gauge and specification of E6010/E7010. The electrodes have to be tested and approved prior to welding. Welders engaged for this job shall be duly certified by the Company prior to his engagement. The contractor shall supply all the equipment /machinery/manpower consumables like electrodes, grinding disc, wooden skid as necessary for the job. The contractor shall have to provide canopy for the welding. The defective joints shall be repaired at contractor's cost. This item excludes roads/railways/water bodies' crossings.	NO (Number)	850.00
90	**Welding of pipe joint, 100mm NB:** Welding of pipe joints as per API 1104. The electrodes shall be of suitable gauge and specification of E6010/E7010. The electrodes have to be tested and approved prior to welding. Welders engaged for this job shall be duly certified by the Company prior to his engagement. The contractor shall supply all the equipment/machinery/manpower consumables like electrodes, grinding disc, wooden skid as necessary for the job. The contractor shall have to provide canopy for the welding. The defective joints shall be repaired at contractor's cost. This item excludes roads/railways/water bodies' crossings.	NO (Number)	724.00
100	**Tie in joints, 200mm NB:** Tie-in-joints of pipes by welding in the trenches. All equipment and accessories for Tie-in will be arranged by the contractor. Tie-in-joints will be allowed only after	NO (Number)	8.00

	approval of Company's Engineer when continuous works cannot be carried out due to abnormal site conditions or situations.		
110	**Tie in joints, 150mm NB:** Tie-in-joints of pipes by welding in the trenches. All equipment and accessories for Tie-in will be arranged by the contractor. Tie-in-joints will be allowed only after approval of Company's Engineer when continuous works cannot be carried out due to abnormal site conditions or situations.	NO (Number)	16.00
120	**Tie in joints, 100mm NB:** Tie-in-joints of pipes by welding in the trenches. All equipment and accessories for Tie-in will be arranged by the contractor. Tie-in-joints will be allowed only after approval of Company's Engineer when continuous works cannot be carried out due to abnormal site conditions or situations.	NO (Number)	8.00
130	**Crossing Trenching:** Excavation of earth/trench cutting of suitable depth in places for identification of underground pipeline/cables and other facilities and backfilling after identification. Cross trenching shall be carried out as directed by company/Engineer in charge. Measurement shall be on length of the trench required for identification. The report of the same shall be submitted in the prescribed format.	M (Meter)	150.00
140	**Excavation of earth normal soil:** Excavation of open trench along the ROW up to a maximum depth of 1.5 m. The bottom & sides of the trench should be smoothly finished to accommodate the welded section of the pipe without any strain. This shall include all the trenching jobs along the ROW irrespective of the quality of earth like slushy or water logged area or normal soil. This item excludes all crossings. In case of multiple pipelines in the same trench, width of the trench shall be as per site condition or as directed by the Company.	M3 (Cubic Meter)	15,082.00
150	**Excavation of earth hard soil:** Excavation of open trench up to a maximum depth of 1.5 m. This shall include all the trenching jobs along the ROW irrespective of the quality of earth like slushy or water logged area or hard stand area. This item is applicable in well plinth area, open cut road crossings without casing and where hard stand has to be broken for laying of pipeline. This item excludes all crossings. In case of multiple pipelines in the same trench, width of the trench shall be as per site condition or as directed by the Company.	M3 (Cubic Meter)	1,676.00
160	**Lowering the pipes, 200mm NB:** Lowering of the bare/coated & wrapped pipe to the bottom of the previously prepared trench without causing damage to the coating & wrapping. The bottom of the trench shall be smoothly contoured to accommodate pipe without causing strain to the pipe. The trench shall be inspected by the Company's representative before lowering the pipe. Any damage to the coating wrapping during handling shall be repaired at the contractor's cost. Contractor must arrange water pump to drain out the water from the trench before	M (Meter)	4,064.00

	lowering the pipe. This item excludes all crossings.		
170	**Lowering the pipes, 150mm NB:** Lowering of the bare/coated & wrapped pipe to the bottom of the previously prepared trench without causing damage to the coating & wrapping. The bottom of the trench shall be smoothly contoured to accommodate pipe without causing strain to the pipe. The trench shall be inspected by the Company's representative before lowering the pipe. Any damage to the coating wrapping during handling shall be repaired at the contractor's cost. Contractor must arrange water pump to drain out the water from the trench before lowering the pipe. This item excludes all crossings.	M (Meter)	8,128.00
180	**Lowering the pipes, 100mm NB:** Lowering of the bare/coated & wrapped pipe to the bottom of the previously prepared trench without causing damage to the coating & wrapping. The bottom of the trench shall be smoothly contoured to accommodate pipe without causing strain to the pipe. The trench shall be inspected by the Company's representative before lowering the pipe. Any damage to the coating wrapping during handling shall be repaired at the contractor's cost. Contractor must arrange water pump to drain out the water from the trench before lowering the pipe. This item excludes all crossings.	M (Meter)	6,928.00
190	**Backfilling the trench:** After lowering the pipe the trench should be backfilled with previously cut out earth including ramming without watering so that the pipeline is covered. The top of the backfilled trench shall be 150 mm over the original level for visual identification & settlement in future. 30% of the item rate shall be kept for crowning after backfilling of the trench. This item excludes all crossings.	M (Meter)	19,120.00
200	**Hydrotesting for 200mm NB pipeline:** Hydraulic testing of entire section of the welded pipeline shall be subjected to a pressure as mentioned below for a period of 24 hrs. (continuous). The water required for hydro testing should be arranged by the contractor. The job shall be carried out as per the SOP. All arrangements including pressure recorder/pressure gauge etc. shall be done by the contractor. The contractor shall engage sufficient number of competent people over the entire line to keep vigilance on the line during the test. In case of failure, the contractor shall locate it and report to the site Engineer/Supervisor of the Company. Any failure due to contractor's bad workmanship shall be rectified at contractor's cost. The contractor shall also repeat the pressure test free of charge. The detailed report shall be submitted. The hydro testing of the pipeline shall be carried out after necessary air pigging of the line pipeline.	M (Meter)	4,100.00
210	**Hydrotesting for 150mm NB pipeline:** Hydraulic testing of entire section of the welded pipeline shall be subjected to a pressure as mentioned below for a period of 24 hrs. (continuous). The water required for hydro testing should be arranged by the contractor. The job shall be carried out as per the SOP. All arrangements including pressure recorder/pressure gauge etc. shall be done by the	M (Meter)	8,200.00

	contractor. The contractor shall engage sufficient number of competent people over the entire line to keep vigilance on the line during the test. In case of failure, the contractor shall locate it and report to the site Engineer/Supervisor of the Company. Any failure due to contractor's bad workmanship shall be rectified at contractor's cost. The contractor shall also repeat the pressure test free of charge. The detailed report shall be submitted. The hydro testing of the pipeline shall be carried out after necessary air pigging of the line pipeline.		
220	**Hydrotesting for 100mm NB pipeline:** Hydraulic testing of entire section of the welded pipeline shall be subjected to a pressure as mentioned below for a period of 24 hrs. (continuous). The water required for hydro testing should be arranged by the contractor. The job shall be carried out as per the SOP. All arrangements including pressure recorder/pressure gauge etc. shall be done by the contractor. The contractor shall engage sufficient number of competent people over the entire line to keep vigilance on the line during the test. In case of failure, the contractor shall locate it and report to the site Engineer/Supervisor of the Company. Any failure due to contractor's bad workmanship shall be rectified at contractor's cost. The contractor shall also repeat the pressure test free of charge. The detailed report shall be submitted. The hydro testing of the pipeline shall be carried out after necessary air pigging of the line pipeline.	M (Meter)	7,000.00
230	**Road crossing by boring for 200mm NB:** Boring of public road/embankment etc. shall be done by contractor for inserting casing pipe of size 300 mm NB and subsequent insertion of carrier pipe in the casing. To maintain an earth cover of 1.5 mtr. The contractor shall dig out trenches of adequate size on both sides of the road, so that alignment of the casing pipe come out on the same level with that of the pipeline laid on either side of the road.	M (Meter)	8.00
240	**Road crossing by boring for 150mm NB:** Boring of public road/embankment etc. shall be done by contractor for inserting casing pipe of size 250 mm NB and subsequent insertion of carrier pipe in the casing. To maintain an earth cover of 1.5 mtr. The contractor shall dig out trenches of adequate size on both sides of the road, so that alignment of the casing pipe come out on the same level with that of the pipeline laid on either side of the road.	M (Meter)	16.00
250	**Road crossing by boring for 100mm NB:** Boring of public road/embankment etc. shall be done by contractor for inserting casing pipe of size 200 mm NB and subsequent insertion of carrier pipe in the casing. To maintain an earth cover of 1.5 mtr. The contractor shall dig out trenches of adequate size on both sides of the road, so that alignment of the casing pipe come out on the same level with that of the pipeline laid on either side of the road.	M (Meter)	16.00
260	**Open cut cased road crossing, 200mm NB:** Installation of casing pipe by open cut for Road wherever required in all types of soils and terrain. Casing to be provided across the width of the road as per the approved drawing for the crossing. All guidelines to be followed by the	M (Meter)	28.00

	Contractor. The carrier pipe has to be pre hydro tested for 6 hours before installing into the casing pipe. The length of the pre hydro tested section shall be 6 m more than the length of the casing pipe. The casing insulators shall be placed at 1.5 m interval. The casing end seals shall be installed at both end of the casing pipe. Casing vents shall be installed at both end of the casing pipe. Drain pot shall be installed at downward end of the casing pipe as per applicable/relevant drawings. The cost is inclusive of transportation of all materials, welding, application cost of coat and wrap/joint sleeve supply of all labour, equipment, consumables etc.; backfilling and restoration etc. for complete installation of the item as per, specifications, instructions of company's representative and other provisions of Special Terms and Conditions of the tender document. Payment shall be made on the approved casing length. The hydro test report, holiday report has to be submitted.		
270	**Open cut cased road crossing,150mm NB:** Installation of casing pipe by open cut for Road wherever required in all types of soils and terrain. Casing to be provided across the width of the road as per the approved drawing for the crossing. All guidelines to be followed by the Contractor. The carrier pipe has to be pre hydro tested for 6 hours before installing into the casing pipe. The length of the pre hydro tested section shall be 6 m more than the length of the casing pipe. The casing insulators shall be placed at 1.5 m interval. The casing end seals shall be installed at both end of the casing pipe. Casing vents shall be installed at both end of the casing pipe. Drain pot shall be installed at downward end of the casing pipe as per applicable/relevant drawings. The cost is inclusive of transportation of all materials, welding, application cost of coat and wrap/joint sleeve supply of all labour, equipment, consumables etc.; backfilling and restoration etc. for complete installation of the item as per, specifications, instructions of company's representative and other provisions of Special Terms and Conditions of the tender document. Payment shall be made on the approved casing length. The hydro test report, holiday report has to be submitted.	M (Meter)	56.00
280	**Open cut cased road crossing, 100mm NB:** Installation of casing pipe by open cut for Road wherever required in all types of soils and terrain. Casing to be provided across the width of the road as per the approved drawing for the crossing. All guidelines to be followed by the Contractor. The carrier pipe has to be pre hydro tested for 6 hours before installing into the casing pipe. The length of the pre hydro tested section shall be 6 m more than the length of the casing pipe. The casing insulators shall be placed at 1.5 m interval. The casing end seals shall be installed at both end of the casing pipe. Casing vents shall be installed at both end of the casing pipe. Drain pot shall be installed at downward end of the casing pipe as per applicable/relevant drawings. The cost is inclusive of transportation of all materials, welding, application cost of	M (Meter)	50.00

	coat and wrap/joint sleeve supply of all labour, equipment, consumables etc.; backfilling and restoration etc. for complete installation of the item as per, specifications, instructions of company's representative and other provisions of Special Terms and Conditions of the tender document. Payment shall be made on the approved casing length. The hydro test report, holiday report has to be submitted.		
290	**Water body crossing by open cut, 100mm NB:** Submerged Crossing of river/water body/nallah of min 5 m width/lake to a depth of minimum 1.0 m below the lowest permanent bed level of the rivers/water bodies at the position of crossing. All jobs associated with the item viz. handling, aligning, tie-in joints, supply of all equipment/labour/consumables for excavation and crossing will be carried out and arranged by the contractor and will be completed as per relevant drawings, specifications, instructions of Engineer in Charge and other provisions of Special Terms and Conditions of the tender document. A drawing has to be submitted by the contractor showing the crossing details which has to be approved by the Company Representatives. Measurement of this item will be done from the over bend of one side to the over bend of the other side along the profile of the line.	M (Meter)	6.00
300	**Hookup, 200mm NB:** Hook up with existing pipeline. All works related to hook up of the new line with existing/another pipe line shall be carried out as per industry practice by following all safety norms. The job includes preparation of SOP, and making all necessary arrangement for safe working, providing assistance for testing, providing all necessary equipment, labour, materials, consumables and performing all works necessary for completion of works strictly in accordance with the relevant specifications and instructions of company's representatives.	JOB	1.00
310	**Hookup, 150mm NB:** Hook up with existing pipeline. All works related to hook up of the new line with existing/another pipe line shall be carried out as per industry practice by following all safety norms. The job includes preparation of SOP, and making all necessary arrangement for safe working, providing assistance for testing, providing all necessary equipment, labour, materials, consumables and performing all works necessary for completion of works strictly in accordance with the relevant specifications and instructions of company's representatives.	JOB	2.00
320	**Hookup, 100mm NB:** Hook up with existing pipeline. All works related to hook up of the new line with existing/another pipe line shall be carried out as per industry practice by following all safety norms. The job includes preparation of SOP, and making all necessary arrangement for safe working, providing assistance for testing, providing all necessary equipment, labour, materials, consumables and performing all works necessary for completion of works strictly in accordance with the relevant specifications and instructions of	JOB	2.00

	company's representatives.		
330	**Mobilisation and Demobilisation:** Payment for mobilisation and demobilisation will be entitled if the contractor has to mobilise his resources for carrying out the assigned job.	NO (Number)	1.00
340	**Fabrication and Installation of pipe Tre:** Fabrication and installation of pipe trestle. The Trestle should be fabricated as two legs with a cross bar in between. The post of the trestle will be piled into the ground. The pipe trestle may have to be fabricated in marshy and water logged area.	NO (Number)	90.00
350	**Fabrication and Installation of pipe Sup:** Fabrication and installation of pipe support. The support should be fabricated as an I section. The post of the support will be piled into the ground. The pipe support may be fabricated in marshy and water logged area.	NO (Number)	80.00
360	**Welding of Misc jobs:** Welding of pipe joints as per API 1104. The electrodes shall be of suitable gauge and specification of E6010/E7010. The electrodes have to be tested and approved prior to welding. Welders engaged for this job shall be duly certified by the Company prior to his engagement. The contractor shall supply all the equipment/machinery/manpower consumables like electrodes, grinding disc, wooden skid as necessary for the job. The contractor shall have to provide canopy for the welding. The defective joints shall be repaired at contractor's cost. This item excludes roads/railways/water bodies' crossings.	CM (Centi-Meter)	4,239.00
370	**Fabrication of cold bend, 200mm NB:** Fabrication of standard cold bend having minimum radius of curvature 3D. The pipe dia on the bend pipe shall be measured at least in 3 cross section and shall be recorded on the daily progress. In no case the pipe dia will be reduced at any point by 2.1/2 degree of the nominal pipe dia. Bend shall be free from deformities. Defective bends will be rejected.	NO (Number)	15.00
380	**Fabrication of cold bend,150mm NB:** Fabrication of standard cold bend having minimum radius of curvature 3D. The pipe dia on the bend pipe shall be measured at least in 3 cross section and shall be recorded on the daily progress. In no case the pipe dia will be reduced at any point by 2.1/2 degree of the nominal pipe dia. Bend shall be free from deformities. Defective bends will be rejected.	NO (Number)	30.00
390	**Fabrication of cold bend, 100mm NB:** Fabrication of standard cold bend having minimum radius of curvature 3D. The pipe dia on the bend pipe shall be measured at least in 3 cross section and shall be recorded on the daily progress. In no case the pipe dia will be reduced at any point by 2.1/2 degree of the nominal pipe dia. Bend shall be free from deformities. Defective bends will be rejected.	NO (Number)	20.00
400	**Installation of valves:** Installation of supplied valves like Gate/Check/Ball/ Plug/Globe/Control Valves etc. of different sizes on pipeline	PJI (P/JOB P/INCH DIA)	44.00

	laid over ground/overhead/all elevation whenever required with proper gaskets, studs/bolts & nuts in both sides as per the instruction of site Engineer. No tension on existing piping shall be allowed during installation. Per Job Per Inch Dia. Example 6" 2 nos valve = 6X 2 =12, 8" 3 nos valve= 8X 3= 24.		
410	**Installation of weld joint sleeve, 200mm NB:** Application of Heat shrinkable joint sleeve on weld joint by Cleaning of exterior surface of pipes by sand blasting and subsequent priming of cleaned surfaces. The Heat shrinkable joint sleeve shall be supplied by contractor. All equipment materials for cleaning and sand blasting should be arrange by the Contractor welded pipeline shall be done in conformity to the code AWWAC-203. The coated pipe shall be subjected to Holiday Detection test for perfection. Defective section of the pipes shall be repaired at contractor's cost. The Holiday testing shall be carried out by Company's personnel or Third party Inspectors. The contractor shall provide assistance during the testing operation.	NO (Number)	433.00
420	**Installation of weld joint sleeve,150mm NB:** Application of Heat shrinkable joint sleeve on weld joint by Cleaning of exterior surface of pipes by sand blasting and subsequent priming of cleaned surfaces. The Heat shrinkable joint sleeve shall be supplied by contractor. All equipment materials for cleaning and sand blasting should be arrange by the Contractor welded pipeline shall be done in conformity to the code AWWAC-203. The coated pipe shall be subjected to Holiday Detection test for perfection. Defective section of the pipes shall be repaired at contractor's cost. The Holiday testing shall be carried out by Company's personnel or Third party Inspectors. The contractor shall provide assistance during the testing operation.	NO (Number)	866.00
430	**Installation of weld joint sleeve, 100mm NB:** Application of Heat shrinkable joint sleeve on weld joint by Cleaning of exterior surface of pipes by sand blasting and subsequent priming of cleaned surfaces. The Heat shrinkable joint sleeve shall be supplied by contractor. All equipment materials for cleaning and sand blasting should be arrange by the Contractor welded pipeline shall be done in conformity to the code AWWAC-203. The coated pipe shall be subjected to Holiday Detection test for perfection. Defective section of the pipes shall be repaired at contractor's cost. The Holiday testing shall be carried out by Company's personnel or Third party Inspectors. The contractor shall provide assistance during the testing operation.	NO (Number)	732.00
440	**Holiday inspection services, 200mm NB:** Providing the services of Holiday inspection. The job involvement is providing the holiday detector machine with all accessories for inspection of coating of the pipe. The pipeline Holiday inspection shall be carried out by the Contractor's personnel at minimum 15 KV. All defects shall be repaired at Contractor's cost.	M (Meter)	4,100.00

450	**Holiday inspection services, 150mm NB:** Providing the services of Holiday inspection. The job involvement is providing the holiday detector machine with all accessories for inspection of coating of the pipe. The pipeline Holiday inspection shall be carried out by the Contractor's personnel at minimum 15 KV. All defects shall be repaired at Contractor's cost.	M (Meter)	8,200.00
460	**Holiday inspection services, 100mm NB:** Providing the services of Holiday inspection. The job involvement is providing the holiday detector machine with all accessories for inspection of coating of the pipe. The pipeline Holiday inspection shall be carried out by the Contractor's personnel at minimum 15 KV. All defects shall be repaired at Contractor's cost.	M (Meter)	7,000.00
470	**Services of Radiography, 200mm NB:** The welding joints shall be radiographically inspected. Contractor shall engage qualified Radiographer having valid certificate from BARC (Bhaba Atomic Research Centre) and shall use approved remote Camera. The contractor shall also comply with all the latest norms relating to radiation safety as stipulated by BARC.	JT (Joint)	43.00
480	**Services of Radiography, 150mm NB:** The welding joints shall be radiographically inspected. Contractor shall engage qualified Radiographer having valid certificate from BARC (Bhaba Atomic Research Centre) and shall use approved remote Camera. The contractor shall also comply with all the latest norms relating to radiation safety as stipulated by BARC.	JT (Joint)	86.00
490	**Services of Radiography, 100mm NB:** The welding joints shall be radiographically inspected. Contractor shall engage qualified Radiographer having valid certificate from BARC (Bhaba Atomic Research Centre) and shall use approved remote Camera. The contractor shall also comply with all the latest norms relating to radiation safety as stipulated by BARC.	JT (Joint)	73.00
500	**Pipe end repair, rebevel/jackout, 200mm NB:** Repair Pipe end Cut & rebevel by cutting and re-bevelling of defects (dents in bevels exceeding 3 mm in depth) attributable to the company(OIL) noted at the time of taking delivery from the line pipe supplier at Yard, including performing all works as per drawings, specifications and instructions of the company's representatives/in Charge.	NO (Number)	20.00
510	**Pipe end repair, rebevel/jackout, 150mm NB:** Repair Pipe end Cut & rebevel by cutting and re-bevelling of defects (dents in bevels exceeding 3 mm in depth) attributable to the company(OIL) noted at the time of taking delivery from the line pipe supplier at Yard, including performing all works as per drawings, specifications and instructions of the company's representatives/in Charge.	NO (Number)	40.00
520	**Pipe end repair, rebevel/jackout, 100mm NB:** Repair Pipe end Cut & rebevel by cutting and re-bevelling of defects (dents in bevels exceeding 3 mm in depth) attributable to the company(OIL) noted at the time of taking delivery from the line pipe supplier at Yard, including performing all works as per drawings, specifications and instructions of the company's representatives/in Charge.	NO (Number)	40.00

530	**Coating repair, 200mm NB pipeline:** Repair of cosmetic defects in coating attributable to company (OIL) noted at the time of taking delivery from the line pipe supplier at Yard, including supply of all coating repair materials, supply of all consumables, utilities, equipment and manpower, pipe cleaning and surface preparation, testing and performing all works necessary for completion of works strictly in accordance with the relevant specifications and instructions of company's representatives/in Charge.	CM2 (Square centimeter)	60.00
540	**Coating repair, 150mm NB pipeline:** Repair of cosmetic defects in coating attributable to company (OIL) noted at the time of taking delivery from the line pipe supplier at Yard, including supply of all coating repair materials, supply of all consumables, utilities, equipment and manpower, pipe cleaning and surface preparation, testing and performing all works necessary for completion of works strictly in accordance with the relevant specifications and instructions of company's representatives/in Charge.	CM2 (Square centimeter)	80.00
550	**Coating repair, 100mm NB pipeline:** Repair of cosmetic defects in coating attributable to company (OIL) noted at the time of taking delivery from the line pipe supplier at Yard, including supply of all coating repair materials, supply of all consumables, utilities, equipment and manpower, pipe cleaning and surface preparation, testing and performing all works necessary for completion of works strictly in accordance with the relevant specifications and instructions of company's representatives/in Charge.	CM2 (Square centimeter)	50.00
560	**Supply of Insulator, 200mm NB pipeline:** These shall be installed at locations designated by the company. Insulator made from injection moulded thermo plastic, high density polyethylene, comprising of two segments having three additional ribs/ridges in addition to the two half -ribs' for the jointing faces and assembled as circular insulators complete with bolts and nuts.	NO (Number)	36.00
570	**Supply of Insulator, 150mm NB pipeline:** These shall be installed at locations designated by the company. Insulator made from injection moulded thermo plastic, high density polyethylene, comprising of two segments having three additional ribs/ridges in addition to the two half -ribs' for the jointing faces and assembled as circular insulators complete with bolts and nuts.	NO (Number)	72.00
580	**Supply of Insulator, 100mm NB pipeline:** These shall be installed at locations designated by the company. Insulator made from injection moulded thermo plastic, high density polyethylene, comprising of two segments having three additional ribs/ridges in addition to the two half -ribs' for the jointing faces and assembled as circular insulators complete with bolts and nuts.	NO (Number)	72.00
590	**Supply of End seal, 200mm NB pipeline:** Heat Shrinkable type Casing End Seal, Compatible with	NO (Number)	8.00

	coal tar enamel/3LPE coating as per ANSI/AWWAC203-91. Suitable for underground use on casing. Material: Heat shrinkable, thick walled synthetic rubber with fibre-glass reinforcement and adhesive sealant. Type: Open type with pre-attended zipper of non-corrosive material having a covering flap with adhesive sealant.		
600	**Supply of End seal, 150mm NB pipeline:** Heat Shrinkable type Casing End Seal, Compatible with coal tar enamel/3LPE coating as per ANSI/AWWAC203-91. Suitable for underground use on casing. Material: Heat shrinkable, thick walled synthetic rubber with fibre-glass reinforcement and adhesive sealant. Type: Open type with pre-attended zipper of non-corrosive material having a covering flap with adhesive sealant.	NO (Number)	16.00
610	**Supply of End seal, 100mm NB pipeline:** Heat Shrinkable type Casing End Seal, Compatible with coal tar enamel/3LPE coating as per ANSI/AWWAC203-91. Suitable for underground use on casing. Material: Heat shrinkable, thick walled synthetic rubber with fibre-glass reinforcement and adhesive sealant. Type: Open type with pre-attended zipper of non-corrosive material having a covering flap with adhesive sealant.	NO (Number)	14.00
620	**Supply of Heat shrinkable sleeve, 200mm NB:** Heat shrinkable wraparound sleeve shall consist of radiation cross-linked, thermally stabilized, ultraviolet resistant semi-rigid polyolefin backing with a uniform thickness of high shear strength thermoplastic/co-polymer hot melt adhesive. The joint coating system shall consist of a solvent free epoxy primer applied to the pipe surface prior to sleeve application. The backing shall be provided with suitable means (thermo-chrome paint, dimple, or other means) to indicate the desired heat during shrinking in field is attained. The sleeve shall be supplied in pre-cut sizes to suit the pipe diameter and the requirements of overlap. The heat shrinkable wraparound sleeve shall have the required adhesive properties when applied on various commercial pre-coating materials. Heat shrinkable wraparound field joint coating system manufactured by M/s Tyco Adhesives # Raychem and M/s Canusa are acceptable for the supply of field joint coating materials.	NO (Number)	433.00
630	**Supply of Heat shrinkable sleeve, 150mm NB:** Heat shrinkable wraparound sleeve shall consist of radiation cross-linked, thermally stabilized, ultraviolet resistant semi-rigid polyolefin backing with a uniform thickness of high shear strength thermoplastic/co-polymer hot melt adhesive. The joint coating system shall consist of a solvent free epoxy primer applied to the pipe surface prior to sleeve application. The backing shall be provided with suitable means (thermo-chrome paint, dimple, or other means) to indicate the desired heat during shrinking in field is attained. The sleeve shall be supplied in pre-cut sizes to suit the pipe diameter and the requirements of overlap. The heat shrinkable wraparound sleeve shall have the required adhesive properties when applied on various commercial pre-coating materials. Heat shrinkable wraparound field joint coating system manufactured by	NO (Number)	866.00

	M/s Tyco Adhesives # Raychem and M/s Canusa are acceptable for the supply of field joint coating materials.		
640	**Supply of Heat shrinkable sleeve, 100mm NB:** Heat shrinkable wraparound sleeve shall consist of radiation cross-linked, thermally stabilized, ultraviolet resistant semi-rigid polyolefin backing with a uniform thickness of high shear strength thermoplastic/co-polymer hot melt adhesive. The joint coating system shall consist of a solvent free epoxy primer applied to the pipe surface prior to sleeve application. The backing shall be provided with suitable means (thermo-chrome paint, dimple, or other means) to indicate the desired heat during shrinking in field is attained. The sleeve shall be supplied in pre-cut sizes to suit the pipe diameter and the requirements of overlap. The heat shrinkable wraparound sleeve shall have the required adhesive properties when applied on various commercial pre-coating materials. Heat shrinkable wraparound field joint coating system manufactured by M/s Tyco Adhesives # Raychem and M/s Canusa are acceptable for the supply of field joint coating materials.	NO (Number)	732.00

1. The price/rate(s) quoted by the Bidders will be inclusive of all taxes except GST (i.e. IGST or CGST and SGST/UTGST as applicable in case of interstate supply or intra state supply respectively and Cess on GST , if applicable) on the final services. However, GST rate (including cess) to be provided in the respective places in the Price Bid.

2. Price Bids shall be evaluated on overall lowest cost to OIL (L-1 offer) basis i.e. considering total quoted price for all services including applicable GST(CGST & SGST/UTGST or IGST).

3. OIL will prefer to deal with registered bidder under GST. Therefore, bidders are requested to get themselves registered under GST, if not registered yet.

However, in case any unregistered bidder is submitting their bid, their prices will be loaded with applicable GST while evaluation of bid. Where OIL is entitled for input credit of GST, the same will be considered for evaluation of bid as per evaluation methodology of tender document.

4. Price Bid uploaded without giving any of the details of the taxes (Including rates and amounts) will be considered as inclusive of all taxes including GST.

When a bidder mentions taxes as extra without specifying the rates & amount, the offer will be loaded with maximum value towards taxes received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, taxes mentioned by OIL on the Purchase Order/Contracts will be binding on the bidder.

5. Input Tax Credit on GST (Goods & Service Tax) for this service is NOT available to OIL & The bids will be evaluated based on total price including GST.

6. Refer to GCC for detail of GST.

7. The rates shall be quoted per unit as specified in the "PRICE BIDDING FORMAT" attached under "Notes and Attachments" tab.

8. Tenure of Agreement: **01 (One) year.**

9. Mobilisation Period: **15 (Fifteen) days** from date of issue of Work Order.