



SCHEDULE OF RATES (UNPRICED PART)

BID DOCUMENT No.:BCPL/C&P/90000087/LE16W124AD

Date: 19.07.2016

Bidder must mentioned as **QUOTED** in un-priced bid



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
1	10	Corrosion Monitoring & CP System						
		Monitoring and Preventive Maintenance of CPPSM/TRU -Monthly						
		• Measurement, observation, recording and reporting of operating parameters of TR unit, alarms, feeding & draining potentials, energy meter & hour meter readings etc. • Checking of control cards, panel meters, switches, earthing connections, power supply, cable lugs, terminal plates etc. • Cleaning of TR unit, CP room and surroundings using vacuum cleaner. • An annual performance test and yearly maintenance of the TR units shall be performed through the authorized service engineer of the Original Equipment Manufacturer during the 3rd quarter of each year. M/s Raychem RPG, Mumbai is the OEM for the TR Units installed in the region. No separate payment shall be made against this item. • The performance test and maintenance shall include, Performance of the unit on Auto and Manual modes, No load and Full load test, Meter Calibration, Converter module calibration, PSP Control Module Calibration, Indicator checks, Circuit resistance across Anode and Pipe, Checking of Permanent reference cell etc. and submission of final report about the health of the Unit with modifications and repairing required to be carried out.						
1	20	Lepetkata	EA	72				
1	30	Duliajan	EA	24				



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
1	40	Tiloi (SV-3) for 4.5" LLPL	EA	24				
1	50	Railway Siding for 20" Naphtha Pipeline	EA	24				
1	60	Lepetkata Cooling water Supply and Return Pipeline	EA	48				
1	70	Lepetkata Fire water Pipeline	EA	192				
1	80	PSP Monitoring and Maintenance at TLP (Test Lead Points)- Bi-Monthly						



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		• Measurement, observation, recording and reporting of Pipe to Soil Potential (PSP) carrier pipe, casing, protected & unprotected sides of insulation joint/flange, foreign pipelines, anode potential, anode current wherever anodes are installed, current readings in CJB using standard Cu/CuSO₄ reference cell and data logger at all test stations. • Checking and cleaning of spark gap arrestors across IJ/IF, surge diverters at HT crossings. • Checking of cable lugs, ferrules, terminal plate, nut & bolts and maintaining them in good condition • Cleaning of test stations with brush and duster cloth and lubrication of test station door hinges and locks with grease or oil • Based on the monitoring, the contactor shall give clear cut detailed recommendations establishing reason to mitigate the defects or to maintain PSP within limit. • The contractor shall check positive potential swing of 100mV or more which shall indicate presence of interference situation.						
1	90	18" Dia Lepetkata - Duliajan Pipeline (Twin), 48 KM long	EA	648				
1	100	4.5" Dia Lepetkata - Lakwa Pipeline, 48 KM Long	EA	744				
1	110	24" Dia Raw Water Pipeline (Lepetkata - Burhidihing River Intake point, 6.2 KM Long)	EA	168				



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1	120	28" Dia Effluent Treated Pipeline (Lepetkata - Diffuser Point in Brahmaputra River, 15.2 KM Long)	EA	240				
1	130	20" Dia Naphtha Pipeline (Lepetkata - Railway Siding, 6 KM Long)	EA	108				
1	140	BCPL Project Site Area 20 -6"(238 M),12"(55.11M),34"(145.29 M),24"(79.49 M),48"(55.44 M),58"(82M)	EA	48				
1	150	BCPL Project Site Area 21 - 6"(344 M)	EA	12				
1	160	BCPL Project Site Area 26 - 12"(119.9 M), 58"(121.57)	EA	12				
1	170	BCPL Project Site Area 27 - 12"(15 M), 58"(25.7M), 34"(15 M); 38"(123.58 M), 42"(173.68), 48" (196.48 M)	EA	24				



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1	180	BCPL Project Site Area 28 - 6"(154.96 M)	EA	12				
1	190	BCPL Project Site Area 35 - 6"(99M), 34"(68), 48"(258 M), 56" (112 M), 70" (325.5)	EA	60				
1	200	BCPL project Site 12"(1250.5 M)	EA	110				
		BCPL project Site 16"(616.115 M)						
		BCPL project Site 20"(1338.75 M)						
		BCPL project Site 4"(237M)						
		BCPL project Site 8"(76 M)						
		BCPL project Site 6"(160 M)						
		BCPL project Site 58"(87 M)						
		BCPL project Site 24"(819.5 M)						
		BCPL project Site 70"(115 M)						
		BCPL project Site 13.5"(8 M)						
1	300	AGB Monitoring & Maintenance - Half Yearly						
		• Measurement, observation, recording and reporting of current discharge of each anode and adjusting resistor settings accordingly to make current discharge of all anodes equal. • Measurement of earth resistance of each anode and total bed using Wenner 3 pin method using Digital Earth Resistance Measuring Device. • Checking of shunts, resistors, cables lugs, ferrules, terminal plate, nut & bolts, ALJB door hinges, locks etc and maintaining in good condition.						



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1	310	Lepetkata	EA	12				
1	320	Duliajan	EA	4				
1	330	Tiloi (SV-3) for 4.5" LLPL	EA	4				
1	340	Railway Siding for 20" Naphtha Pipeline	EA	4				
1	350	Cooling Water Pipeline Lepetkata (Anode Flex3100 MMO)	EA	56				
1	360	Lepetkata Fire water Pipeline (Anode Flex 3100 MMO)	EA	148				
1	370	Monitoring of Earth Pits - Half Yearly						



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		• Measurement, observation, recording and reporting of earth resistance of earth pit and grid using Wenner 3 pin method using Digital Earth Resistance Measuring Device. • Numbering the Earth Pit and writing the next due date on the cover of Earth Pit with Paint. • Removing debris if any in the earth pit and watering. • Physical & functional checking of all Earth pits, associated cables/connections. • Cleaning of all connections and greasing them with replacement of brass nut, bolts if found damaged or missing. Jointing of earth cable if found open circuited, disconnected / damaged. • Pouring of common salt (appx 25 kg, water (appx 200 liters) & soil reactivation compound (appx. 10 kg) or as per requirement to bring down the earth resistance within limit. • Proper cleaning & house-keeping inside & surrounding of the earth pit. • All consumables, materials required for the above said jobs will be in contractor's scope.						
1	380	18" Dia Lepetkata - Dulijan Pipeline (Twin), 47 KM long	EA	32				
1	390	4.5" Dia Lepetkata – Lakwa Pipeine, 47 KM Long	EA	64				



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1	400	24" Dia Raw Water Pipeline (Lepetkata - Burhidihing River Intake point, 6.2 KM Long)	EA	8				
1	410	28" Dia Effluent Treated Pipeline (Lepetkata - Diffuser Point in Brahmaputra River, 17.5 KM Long)	EA	8				
1	420	20" Dia Naphtha Pipeline (Lepetkata - Railway Siding, 6 KM Long)	EA	16				
1	430	Monitoring and Maintenance of ER Probe - Half-Yearly						
		Collect the Data retrieval tool from BCPL on returnable basis (in good condition), Down Load the Data of the ER Probe and submit the report with analysis.						
1	440	18" Dia Lepetkata - Duliajan Pipelines	EA	4.00				
1	450	4.5" Dia Lepetkata - Lakwa Pipeline	EA	4.00				



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1	460	24" Dia Raw Water Pipeline	EA	4.00				
1	470	28" Dia Effluent Treated Pipeline	EA	4.00				
1	480	20" Dia Naphtha Pipeline	EA	4.00				
1	490	Monitoring and Maintenance of CTSU - Half-Yearly						
		Collect the Data retrieval tool from BCPL on returnable basis (in good condition), Down Load the Data of the CTSU and submit the report with analysis.						
1	500	18" Dia Lepetkata - Duliajan Pipelines	EA	4.00				
1	510	4.5" Dia Lepetkata - Lakwa Pipeline	EA	4.00				
1	520	24" Dia Raw Water Pipeline	EA	4.00				



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1	530	28" Dia Effluent Treated Pipeline	EA	4.00				
1	540	20" Dia Naphtha Pipeline	EA	4.00				
1	550	Supply & Installation of TLP						
		Supply, installation, testing and commissioning of new test station, includes providing foundation, applying painting one coat (75 micron) of high build epoxy primer and two coats (50 microns each) of high build epoxy enamel paint, other accessories, cable gland lugs, conduits as required to make the installation complete as per specification, drawing and instruction of Engineer - In - Charge to complete the work in all respect for all pipelines of BCPL in Dibrugarh and Sivasagar Districts along the pipeline ROU.						
1	560	Complete TLP with New Foundation: This will included shifting cable from old TS (Test Station) to New TS to Complete the work in all respect	EA	30				



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1	570	TLP Post & Box on Existing Foundation: On existing foundation, this will included removing of old TS box & Post, and fixing new TS box with terminal plate & Post re-termination of Cables to Complete the work in all respect	EA	30				
1	580	TLP Box: Only Test Station Box with terminal plate. This will include removing of old TS box, and fixing new TS box, re-termination of cables to complete the work in all respect.	EA	30				
1	590	Painting of TLP/AJB						
		This includes Surface preparation using metal wire brush, sand paper, removing dust, grease, scales, cleaning with lint free cloth, applying painting one coat (75 micron) of high build epoxy primer and two coats (50 microns each) of high build epoxy enamel paint including supply of Paint of Asian, Burger, Shalimar, Jonson & Nicolson or EIL Approved brand, metal brush, sand paper, all tools and tackles as per direction of EIC to complete the work in all respect.	EA	150				
1	600	Supply & Laying of Different Size of Cables						
		Supply, cutting to right sizes, laying, testing and commissioning of different sizes of cables (PE Sheathed, PVC Insulated GI armoured, copper cables , annealed, high conductivity, stranded, tinned, (600/1100 V grade), including making connection in both end, including supply of cable gland, lugs etc. (Except cable to pipe connection) excavation, sand padding of 150 mm below and above cable, laying of bricks above sand, laying of cable warning PE sheet at 0.6 meter depth , backfilling , supply and installation						



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		of cable markers at every 50 meter etc., as per drawing specification and instruction of EIC to complete the job in all respect.						
1	610	1CX25MM2 Cu PE PVC Armoured	M	220				
1	620	1CX10MM2 Cu PE PVC Armoured	M	220				
1	630	1CX6MM2 Cu PE PVC Armoured	M	220				
1	640	1CX4MM2 Cu PVC Armoured	M	220				
1	650	1CX50 MM2 Cu PVC Armoured	M	100				



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
1	660	1CX95 MM2 Cu PVC Armoured	M	100				
1	670	24CX2.5 MM2 CU PVC Armoured	M	100				
1	680	10C X2.5 MM2 CU PVC Armoured	M	100				
1	690	20C X2.5 MM2 CU PE/PVC Armoured	M	100				
1	700	3CX25 MM2 AL PVC Armoured	M	100				
1	710	4 CX50 MM2 Al PVC Armoured	M	100				



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1	720	Supply, Installation of Solid CuCuSO4 State Permanent Ref Cell						
		Supply, installation, testing and commissioning of Solid State Cu-CuSO4 Permanent Reference Cells with min. 10meter lead cable, as per drawing, specification, and direction of Engineer- In-Charge. Work includes excavation of trench, backfilling and connection of cable etc. as per drawing specification.	EA	30				
1	730	Supply & Installation of Zink Permanent Ref Cell						
		Supply installation testing and commissioning of Zinc Permanent Ref. Cells with min. 10 meter lead cable, as per drawing, specification, and direction of Engineer- In-Charge. Work includes excavation of trench, backfilling and connection of cable etc. as per drawing specification and instruction of EIC to complete the job in all respect.	EA	3				
1	740	Making Pipe to Cable Connection						
		Making pipe to cable connection on running pipe as per approved procedures (including encapsulation of pipe to cable connection), drawing, specification and direction of Engineer-In -Charge, including supply of consumable, process material, excavation for exposing pipe, backfilling, etc. for satisfactory completion of work. The work shall also be include holiday checking with Brush type Holiday Detector, operation at 20 KV as per drawing specification and instruction of EIC to complete the job in all respect.						
1	750	Pin Brazing 1C Upto 10 mm2 cable	EA	10				



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1	760	Pin Brazing 1C from 25-50 mm2 cable	EA	10				
1	770	Supply & Installation of Zn Anode 20 Kg						
		Supply, Installation, Testing, Commissioning of pre-package Zn Anode of 20KG , complete in all respects including labor, tools tackles and consumables etc. along with required length of 25 mm2 single core stranded tined copper cable PE Sheathed / PVC Insulated cable as tale cable, as per drawing specification and direction of EIC to complete the job in all respect.	EA	3				
1	779	Supply & Installation of Mg Anode 60 pound /10KG						
		Supply, Installation, Testing, Commissioning of pre-package Mg Anode of 60 Lbs , complete in all respects including labor , tools tackles and consumables etc. along with required length of tale cable (Approx. 10 meter) of 10 mm2 single core stranded tined copper 600 / 1100 V grade Un-Armoured cable PE Sheathed / PVC Insulated cable as tale cable, as per drawing specification and direction of EIC to complete the job in all respect.	EA	15				
1	780	Cable Joint by L&T Eutectic157 Silver Rod						
		Cable jointing by L&T Eutectic 157 rod/silver with proper Cable joint kit (Heat Sinkable type) of various sizes including supply of labor tools & tackles and consumables, as per drawing specification and direction of EIC.						
1	790	Single core Upto 10 mm2 cable	EA	10				



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1	800	Single core from 25-50 mm ² cable 9	EA	10				
1	810	Data Logging along Pipeline for 24 Hrs						
		Data logging along the pipeline as per requirement for 24 Hrs. including arrangement of data logger, Half Cell, technician labor tools & tackles and consumables, as per direction of EIC to complete the job in all respect.	EA	10				
1	820	Excavation & Backfilling along the Pipeline						
		Excavation & backfilling along the pipeline for Inspection of pipeline Coating or any other purpose in all types soils, hard murum shoring, strutting & dewatering (if necessary) as per direction of E.I.C to complete the job in all respect.	M3	100				
1	830	Providing Manpower for CP Activity						
		Providing Manpower for different type of CP activities along the pipeline.						
1	840	Skilled Man Power	D	30				
1	850	Semi Skilled Man Power	D	30				



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1	860	Un-Skilled Man Power	D	30				
1	870	Monitoring and Maintenance of Battery Banks in SV Stations						
		Monitoring and Maintenance of Battery Banks in SV Stations includes the cleaning of Battery Terminals, topping up DM Water/Electrolyte in battery cell, recording of the Cell Voltage & Specific Gravity. All material, consumable tools including Hydrometer, DM Water etc. in the scope of Contractor. Quality of DM water is to be supported by lab test report.						
1	880	18" Dia Lepetkata - Dulijan Pipeline (Twin), 48 KM long	EA	24				
1	890	4.5" Dia Lepetkata - LakwaPipeine, 48 KM Long	EA	48				
2	10	Electrical Maintenance Jobs at SV Stations						



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		Maintenance job of overall Electrical system for pipeline including SV Stations as per instruction of EIC. - Testing, rectification and replacement of defect exhaust fans, light fitting & fixtures (both indoor & outdoor), JB's which includes electrical wiring where ever required both for power & lighting points. - Up-keep and maintenance of UPS, Battery charger, battery banks, etc. - Cable jointing of different sizes if any, - Assistance in monitoring & maintenance of earth pits including taking pit resistance. - Up-keep & maintenance of Power Lines (HT/LT lines), PDB & LDB, JB's etc. The details are in the scope of work.	EA	24				
3	10	Maintenance of Air Conditioners installed in SV Stations						
		Maintenance and repaired of Air Conditioners installed in SV Stations along Lepetkata -Duliajan pipeline and Lepetkata -Lakwa pipeline, Pipeline Equipment room at Lepetkata	EA	28				
Total Amount:								
(A) Total Service Amount inclusive of all taxes and duties [Exclusive of Service Tax]:								
In words:								



Note :

1. All SOR item needs to be quoted by vendor.
2. Rates should be quoted including all taxes & duties (including WCT if any as per applicable rules) except Service tax. Service tax & Swachh Bharat Cess (if any) shall paid extra at actual as per prevalent govt. rules ON SUBMISSION OF PROPER CENVATABLE INVOICE wherever applicable. Presently, the applicability of Service Tax, ED Cess & Swachh Bharat Cess [@15%] for the subject tendered job is 70% [70% of ST @15% = 10.5%] of Total Service Amount [(A) as shown above].
3. Quantities shown in the SOR is tentative which may increase or decrease.

Date:

Name of authorized person submitting the tender on behalf of the Bidder :

Designation of authorized person:

Name of firm / Contractor:

Address of firm / Contractor:

Date:



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		Collect the Data retrieval tool from BCPL on returnable basis (in good condition), Down Load the Data of the ER Probe and submit the report with analysis.						
1	440	18" Dia Lepetkata - Duliajan Pipelines	EA	4.00				
1	450	4.5" Dia Lepetkata - Lakwa Pipeline	EA	4.00				



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
1	460	24" Dia Raw Water Pipeline	EA	4.00				
1	470	28" Dia Effluent Treated Pipeline	EA	4.00				
1	480	20" Dia Naphtha Pipeline	EA	4.00				
1	490	Monitoring and Maintenance of CTSU - Half-Yearly						
		Collect the Data retrieval tool from BCPL on returnable basis (in good condition), Down Load the Data of the CTSU and submit the report with analysis.						
1	500	18" Dia Lepetkata - Duliajan Pipelines	EA	4.00				
1	510	4.5" Dia Lepetkata - Lakwa Pipeline	EA	4.00				
1	520	24" Dia Raw Water Pipeline	EA	4.00				



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
1	530	28" Dia Effluent Treated Pipeline	EA	4.00				
1	540	20" Dia Naphtha Pipeline	EA	4.00				
1	550	Supply & Installation of TLP						
		Supply, installation, testing and commissioning of new test station, includes providing foundation, applying painting one coat (75 micron) of high build epoxy primer and two coats (50 microns each) of high build epoxy enamel paint, other accessories, cable gland lugs, conduits as required to make the installation complete as per specification, drawing and instruction of Engineer - In - Charge to complete the work in all respect for all pipelines of BCPL in Dibrugarh and Sivasagar Districts along the pipeline ROU.						
1	560	Complete TLP with New Foundation: This will included shifting cable from old TS (Test Station) to New TS to Complete the work in all respect	EA	30				



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
1	570	TLP Post & Box on Existing Foundation: On existing foundation, this will included removing of old TS box & Post, and fixing new TS box with terminal plate & Post re-termination of Cables to Complete the work in all respect	EA	30				
1	580	TLP Box: Only Test Station Box with terminal plate. This will include removing of old TS box, and fixing new TS box, re-termination of cables to complete the work in all respect.	EA	30				
1	590	Painting of TLP/AJB						
		This includes Surface preparation using metal wire brush, sand paper, removing dust, grease, scales, cleaning with lint free cloth, applying painting one coat (75 micron) of high build epoxy primer and two coats (50 microns each) of high build epoxy enamel paint including supply of Paint of Asian, Burger, Shalimar, Jonson & Nicolson or EIL Approved brand, metal brush, sand paper, all tools and tackles as per direction of EIC to complete the work in all respect.	EA	150				
1	600	Supply & Laying of Different Size of Cables						
		Supply, cutting to right sizes, laying, testing and commissioning of different sizes of cables (PE Sheathed, PVC Insulated GI armoured, copper cables , annealed, high conductivity, stranded, tinned, (600/1100 V grade), including making connection in both end, including supply of cable gland, lugs etc. (Except cable to pipe connection) excavation, sand padding of 150 mm below and above cable, laying of bricks above sand, laying of cable warning						



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		PE sheet at 0.6 meter depth , backfilling , supply and installation of cable markers at every 50 meter etc., as per drawing specification and instruction of EIC to complete the job in all respect.						
1	610	1CX25MM2 Cu PE PVC Armoured	M	220				
1	620	1CX10MM2 Cu PE PVC Armoured	M	220				
1	630	1CX6MM2 Cu PE PVC Armoured	M	220				
1	640	1CX4MM2 Cu PVC Armoured	M	220				
1	650	1CX50 MM2 Cu PVC Armoured	M	100				



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
1	660	1CX95 MM2 Cu PVC Armoured	M	100				
1	670	24CX2.5 MM2 CU PVC Armoured	M	100				
1	680	10C X2.5 MM2 CU PVC Armoured	M	100				
1	690	20C X2.5 MM2 CU PE/PVC Armoured	M	100				
1	700	3CX25 MM2 AL PVC Armoured	M	100				
1	710	4 CX50 MM2 Al PVC Armoured	M	100				



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
1	720	Supply, Installation of Solid CuCuSO4 State Permanent Ref Cell						
		Supply, installation, testing and commissioning of Solid State Cu-CuSO4 Permanent Reference Cells with min. 10meter lead cable, as per drawing, specification, and direction of Engineer- In-Charge. Work includes excavation of trench, backfilling and connection of cable etc. as per drawing specification.	EA	30				
1	730	Supply & Installation of Zink Permanent Ref Cell						
		Supply installation testing and commissioning of Zinc Permanent Ref. Cells with min. 10 meter lead cable, as per drawing, specification, and direction of Engineer- In-Charge. Work includes excavation of trench, backfilling and connection of cable etc. as per drawing specification and instruction of EIC to complete the job in all respect.	EA	3				
1	740	Making Pipe to Cable Connection						
		Making pipe to cable connection on running pipe as per approved procedures (including encapsulation of pipe to cable connection), drawing, specification and direction of Engineer-In -Charge, including supply of consumable, process material, excavation for exposing pipe, backfilling, etc. for satisfactory completion of work. The work shall also be include holiday checking with Brush type Holiday Detector, operation at 20 KV as per drawing specification and instruction of EIC to complete the job in all respect.						
1	750	Pin Brazing 1C Upto 10 mm2 cable	EA	10				



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
1	760	Pin Brazing 1C from 25-50 mm2 cable	EA	10				
1	770	Supply & Installation of Zn Anode 20 Kg						
		Supply, Installation, Testing, Commissioning of pre-package Zn Anode of 20KG , complete in all respects including labor, tools tackles and consumables etc. along with required length of 25 mm2 single core stranded tined copper cable PE Sheathed / PVC Insulated cable as tale cable, as per drawing specification and direction of EIC to complete the job in all respect.	EA	3				
1	779	Supply & Installation of Mg Anode 60 pound /10KG						
		Supply, Installation, Testing, Commissioning of pre-package Mg Anode of 60 Lbs , complete in all respects including labor , tools tackles and consumables etc. along with required length of tale cable (Approx. 10 meter) of 10 mm2 single core stranded tined copper 600 / 1100 V grade Un-Armoured cable PE Sheathed / PVC Insulated cable as tale cable, as per drawing specification and direction of EIC to complete the job in all respect.	EA	15				
1	780	Cable Joint by L&T Eutectic157 Silver Rod						
		Cable jointing by L&T Eutectic 157 rod/silver with proper Cable joint kit (Heat Sinkable type) of various sizes including supply of labor tools & tackles and consumables, as per drawing specification and direction of EIC.						
1	790	Single core Upto 10 mm2 cable	EA	10				



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
1	800	Single core from 25-50 mm ² cable 9	EA	10				
1	810	Data Logging along Pipeline for 24 Hrs						
		Data logging along the pipeline as per requirement for 24 Hrs. including arrangement of data logger, Half Cell, technician labor tools & tackles and consumables, as per direction of EIC to complete the job in all respect.	EA	10				
1	820	Excavation & Backfilling along the Pipeline						
		Excavation & backfilling along the pipeline for Inspection of pipeline Coating or any other purpose in all types soils, hard murum shoring, strutting & dewatering (if necessary) as per direction of E.I.C to complete the job in all respect.	M3	100				
1	830	Providing Manpower for CP Activity						
		Providing Manpower for different type of CP activities along the pipeline.						
1	840	Skilled Man Power	D	30				
1	850	Semi Skilled Man Power	D	30				



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
1	860	Un-Skilled Man Power	D	30				
1	870	Monitoring and Maintenance of Battery Banks in SV Stations						
		Monitoring and Maintenance of Battery Banks in SV Stations includes the cleaning of Battery Terminals, topping up DM Water/Electrolyte in battery cell, recording of the Cell Voltage & Specific Gravity. All material, consumable tools including Hydrometer, DM Water etc. in the scope of Contractor. Quality of DM water is to be supported by lab test report.						
1	880	18" Dia Lepetkata - Dulijan Pipeline (Twin), 48 KM long	EA	24				
1	890	4.5" Dia Lepetkata - LakwaPipeine, 48 KM Long	EA	48				
2	10	Electrical Maintenance Jobs at SV Stations						



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		Maintenance job of overall Electrical system for pipeline including SV Stations as per instruction of EIC. - Testing, rectification and replacement of defect exhaust fans, light fitting & fixtures (both indoor & outdoor), JB's which includes electrical wiring where ever required both for power & lighting points. - Up-keep and maintenance of UPS, Battery charger, battery banks, etc. - Cable jointing of different sizes if any, - Assistance in monitoring & maintenance of earth pits including taking pit resistance. - Up-keep & maintenance of Power Lines (HT/LT lines), PDB & LDB, JB's etc. The details are in the scope of work.	EA	24				
3	10	Maintenance of Air Conditioners installed in SV Stations						
		Maintenance and repaired of Air Conditioners installed in SV Stations along Lepetkata -Duliajan pipeline and Lepetkata -Lakwa pipeline, Pipeline Equipment room at Lepetkata	EA	28				
Total Amount:								
(A) Total Amount inclusive of all taxes and duties [Exclusive of ServiceTax]:								
In words:								



Note :

1. All SOR item needs to be quoted by vendor.
2. Rates should be quoted including all taxes & duties (including WCT if any as per applicable rules) except Service tax. Service tax & Swachh Bharat Cess (if any) shall paid extra at actual as per prevalent govt. rules ON SUBMSSION OF PROPER CENVATABLE INVOICE wherever applicable. Presently, the applicability of Service Tax, ED Cess & Swachh Bharat Cess [@15%] for the subject tendered job is 70% [70% of ST @15% = 10.5%] of Total Service Amount [(A) as shown above].
3. Quantities shown in the SOR is tentative which may increase or decrease.

Date:

Name of authorized person submitting the tender on behalf of the Bidder :

Designation of authorized person:

Name of firm / Contractor:

Address of firm / Contractor:

Date: