

SCHEDULE OF RATES (SOR)

TENDER FOR PROVIDING OPERATION AND MAINTENANCE SERVICES FOR CGD NETWORK AT KOLHAPUR GA

TENDER NO : HOGPL/2021-22/C&P/015DATED:22.10.2021

PART A

| SOR Item No | Description | UOM | Quantity | Unit Rate (Incl. of all taxes & duties except GST) | Total Amount (Incl. of all taxes & duties except GST) |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|---------------------------------------------------------------|------------------------------------------------------------------|
| a | b | d | c | e | f= c X e |
| Section A1: Manpower Services for Area Emergency Office (AEO) | | | | | |
| 1 | Providing Overall coordinator (Skilled Category) in General and Shift duties for carrying out the following jobs on daily basis throughout the year i.e., to Coordinate shift duties,for detailed scope, refer to SCOPE OF WORK (Roles and responsibilities) and as per directions of EIC Including First & second year | Man Month | 24 | | |
| 2 | Providing shift supervisor (Skilled Category) in General and Shift duties for carrying out the following jobs on daily basis throughout the year i.e., to Coordinate shift duties,for detailed scope, refer to SCOPE OF WORK (Roles and responsibilities) and as per directions of EIC Including First & second year | Man Month | 84 | | |
| 3 | Providing Technician/PE WEL (Semi Skilled Category) in General and Shift duties for carrying out the following jobs on daily basis throughout the year i.e., to Coordinate shift duties,for detailed scope, refer to SCOPE OF WORK (Roles and responsibilities) and as per directions of EIC Including First & second year | Man Month | 96 | | |
| 4 | Providing Technician/Plumber (Semi Skilled Category) in General and Shift duties for carrying out the following jobs on daily basis throughout the year i.e., to Coordinate shift duties,for detailed scope, refer to SCOPE OF WORK (Roles and responsibilities) and as per directions of EIC Including First & second year | Man Month | 132 | | |
| 5 | Providing Electrical Technician (Semi Skilled Category) in General and Shift duties for carrying out the following jobs on daily basis throughout the year i.e., to Coordinate shift duties,for detailed scope, refer to SCOPE OF WORK (Roles and responsibilities) and as per directions of EIC Including First & second year | Man Month | 36 | | |
| 6 | Providing Patrolman along with two wheeler for 80 km patrolling per shift &with Valid Driving Licence & Mobile , GPS/ VTS (un Skilled Category) in General and Shift duties for carrying out the following jobs on daily basis throughout the year i.e., to Coordinate shift duties, for detailed scope, refer to SCOPE OF WORK (Roles and responsibilities) and as per directions of EIC | Man Month | 120 | | |
| 6.1 | Extra Running KM of motor cycle over and above 4500 km per month | Km | 3000 | | |
| 7 | Providing Helper (un Skilled Category) in General and Shift duties for carrying out the following jobs on daily basis throughout the year i.e., to Coordinate shift duties,for detailed scope, refer to SCOPE OF WORK (Roles and responsibilities) and as per directions of EIC Including First & second year | Man Month | 144 | | |
| 8 | Providing HSE Supervisor (Skilled Category) in General / Shift duties for carrying out the following jobs on daily basis throughout the year refer to SCOPE OF WORK (Roles and responsibilities) and as per directions Including First & second year | Man Month | 24 | | |

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| Section A2: Manpower for Local Customer Care Office | | | | | |
| 1 | Providing Supervisor/ CRM for LCC office under Semi Skilled Category Including First & second year | Man Month | 24 | | |
| 2 | Providing Front desk Executive under Semi Skilled Category for LCC office Including First & second year | Man Month | 24 | | |
| 3 | Data entry operator Including First & second year | Man Month | 24 | | |
| PART B | | | | | |
| 1 | Consumables | | | | |
| | Tools ,Tackles & Consumables As per attached Annexure I of Technical Volume covers all but not limited to perform the job as per the direction of EIC for completion of smooth and satisfactory work | Month | 24 | | |
| 2 | ERV-PNG-O&M: | | | | |
| 2.1 | The contractor has to provide Mahindra bolero or equivalent with CNG to HOGPL as per Branding & Necessary Modification (Internal & External) to perform O&M activity for round the clock (24 hr). Model shall be BS VI having running KM not more than 15000 KM with necessary provision to store tools & tackles etc. as per EIC. Contractor has to ensure the compliance with prevailing RTO Regulations. Driver is in the scope of contractor. Average ERV running per month is 4000 KM, and will be reconciled in 12 month and the extra KM can be claimed as per note SOR no 3 below | Month | 24 | | |
| 2.2 | PNG O&M Vehicle - for extra Km | Km | 15000 | | |
| 2.3 | Toll tax/Any Statutory payment Against Govt. Against at actual submission of bill | Lumpsum | 1 | 40000 | 40000 |
| 3 | Charges for meter reading for Domestic,Commercial,industrial connections Note: Surprise visite of metering as and when required shall be in contractor scope | Nos | 25000 | | |
| 4 | COMMERCIAL O&M Site Office | | | | |
| 4.1 | Office location should be located in Kolhapur at strategic locations for round of clock monitoring O&M activities. It should be well equipped with required infrastructure namely telephone and cell Phone, front desks Computers, Printers, Scanners, Internet connectivity(Broadband), Tea/water for employees .etc. Furniture and for reference layout is attached in tender. Total office space and storage of materials should be of 1500 Sq. Feet of carpet area Including LCC (Local Customer Care) office of 500 Sq. Feet of carpet area including local level customer services with necessary facilities viz.; Cabin for Customer care executive, Cabin for supervisor and space for ERV & bike Parking. Office facility should include toilet/washroom, electricity bill, rent agreement, etc. Office preferably be at ground floor. Office space, interior, should be finalized on satisfaction of EIC. | Month | 24 | | |
| 4.2 | Office location should be located in Ichhalkaranji at strategic locations for round of clock monitoring O&M activities. It should be well equipped with required infrastructure namely Furniture and for reference layout is attached in tender. Minimum office space for office and storage of materials should be of 500 Sq Feet of carpet area and space for ERV & bike Parking. Office facility should include toilet/washroom, electricity bill, rent agreement, etc. Office preferably be at ground floor. Office space, interior, should be finalized on satisfaction of EIC | Month | 24 | | |

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| PART C | | | | | |
| Supply, Installation & Commissioning of different Material/facilities for smooth operation & maintenance of MDPE & Steel Network. | | | | | |
| 1 | Supply & Installation charges of RCC Route Marker | Nos | 25 | | |
| 2 | Supply & Installation charges of Pole Marker | Nos | 15 | | |
| 3 | Repainting of Pole Marker | Nos | 50 | | |
| 4 | Construction of new MDPE valve chamber with Pre cast cover (size 2.3m*1.3m drawing enclosed in tender) | Per Chamber | 8 | | |
| 5 | Construction of new MDPE valve chamber with Pre cast cover (size 1m*1m drawing enclosed in tender) | Per Chamber | 10 | | |
| 6 | Only Chamber pre cast cover for approx.(2.3m*1.3m) | Nos | 15 | | |
| 7 | Only Chamber pre cast cover for approx.(1m*1m) | Nos | 15 | | |
| 8 | RCC breaker (including all labour and fuel charges) | M3 | 20 | | |
| 9 | JCB Rate | Per Hour | 30 | | |
| 10 | Moling Dia 20mm | Metres | 150 | | |
| 11 | Moling Dia 32mm | Metres | 100 | | |
| 12 | Moling Dia 63mm | Metres | 100 | | |
| 13 | GI 1/2" Pipe (Supply of ISI mark C class pipe) | Metres | 300 | | |
| 14 | GI 3/4" Pipe (Supply of ISI mark C class pipe) | Metres | 150 | | |
| 15 | GI 1" Pipe (Supply of ISI mark C class pipe) | Meters | 50 | | |
| 16 | GI 1" Coupler (ISI marked GI Coupler with NPT thread) | Nos | 20 | | |
| 17 | GI 3/4" Coupler (ISI marked GI Coupler with NPT thread) | Nos | 50 | | |
| 18 | GI 1/2" Coupler (ISI marked GI Coupler with NPT thread) | Nos | 100 | | |
| 19 | GI 1" Union (ISI marked with NPT thread) | Nos | 20 | | |
| 20 | GI 3/4" Union (ISI marked with NPT thread) | Nos | 20 | | |
| 21 | GI 1/2" Union (ISI marked with NPT thread) | Nos | 50 | | |
| 22 | GI 1" Elbow (ISI marked with NPT thread) | Nos | 20 | | |
| 23 | GI 3/4" Elbow (ISI marked with NPT thread) | Nos | 20 | | |
| 24 | GI 1/2" Elbow (ISI marked with NPT thread) | Nos | 50 | | |
| 25 | GI 1" Plug (ISI marked with NPT thread) | Nos | 20 | | |
| 26 | GI 3/4" Plug (ISI marked with NPT thread) | Nos | 40 | | |
| 27 | GI 1/2" Plug (ISI marked with NPT thread) | Nos | 100 | | |
| 28 | GI 1" Tee (ISI marked with NPT thread) | Nos | 20 | | |
| 29 | GI 3/4" Tee (ISI marked with NPT thread) | Nos | 25 | | |
| 30 | GI 1/2" Tee (ISI marked with NPT thread) | Nos | 100 | | |
| 31 | GI Reducer 1" x 3/4" (ISI marked with NPT thread) | Nos | 10 | | |
| 32 | GI Reducer 3/4"X 1/2" (ISI marked with NPT thread) | Nos | 20 | | |
| 33 | GI ELBOW male x Female 3/4" (ISI marked with NPT thread) | Nos | 30 | | |
| 34 | GI ELBOW male x Female 1/2" (ISI marked with NPT thread) | Nos | 100 | | |
| 35 | Appliance Valve 1/4" | Nos | 50 | | |
| 36 | Appliance Valve 1/2" | Nos | 80 | | |
| 37 | GI 1" Clamp (MS) | Nos | 100 | | |
| 38 | GI 3/4" Clamp (MS) | Nos | 200 | | |
| 39 | GI 1/2" Clamp (MS) | Nos | 300 | | |

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| a | b | d | c | e | f= c X e |
| 40 | GI 1/2" Hex Nipple (ISI marked with NPT thread) | Nos | 25 | | |
| 41 | GI 1/2" Nipple 1/2" x 2" (ISI marked with NPT thread) | Nos | 25 | | |
| 42 | GI 1/2" Nipple 1/2" x 3" (ISI marked with NPT thread) | Nos | 25 | | |
| 43 | GI 1/2" Nipple 1/2" x 4" (ISI marked with NPT thread) | Nos | 25 | | |
| 44 | Regulator Bush (ISI marked with NPT thread) | Nos | 30 | | |
| 45 | Isolation Valve 1" (ISI marked with NPT thread) | Nos | 10 | | |
| 46 | Isolation Valve 3/4" (ISI marked with NPT thread) | Nos | 10 | | |
| 47 | Isolation Valve 1/2" (ISI marked with NPT thread) | Nos | 75 | | |
| 48 | CU pipe (12mmX0.6MM Thick as per BS EN 1057) | Nos | 200 | | |
| 49 | Copper Union,12mm (As per BS EN1254) | Nos | 30 | | |
| 50 | Copper Elbow 12mm(As per BS EN1254) | Nos | 30 | | |
| 51 | Copper TEE 12mm(As per BS EN1254) | Nos | 25 | | |
| 52 | Copper-GI adapter (As per IS 319) | Nos | 100 | | |
| 53 | Meter inlet Adaptor 3/4" X 3/4"(As per IS 319) | Nos | 25 | | |
| 54 | Meter outlet Adaptor 3/4" X 12mm(As per IS 319) | Nos | 25 | | |
| 55 | O Ring for Meter Adopter (ISI marked) | Nos | 200 | | |
| 56 | PVC Sleeves for SR | Nos | 50 | | |
| 57 | PVC Sleeves for Riser | Nos | 50 | | |
| 58 | PVC Sleeves for 1/2" GI pipe | Nos | 100 | | |
| 59 | Plate for PVC Sleeves 1/2" GI pipe | Nos | 50 | | |
| 60 | Meter Plate SS | Nos | 50 | | |
| 61 | Warning Tape*** | Meter | 500 | | |
| 62 | Screw (SS 304) | Kg | 10 | | |
| 63 | Annaconda (SS 316) | Nos | 5 | | |
| 64 | Suraksha Hose pipe (ISI mark) | Mtre | 50 | | |
| 65 | Jet 110 Brass (Brass jet with NPT thread) | Nos | 25 | | |
| 66 | Jet 125 Brass (Brass jet with NPT thread) | Nos | 25 | | |
| 67 | MDPE Coupler SDR 11,PE 100 -20mm | Nos | 30 | | |
| 68 | MDPE Coupler SDR 11,PE 100 -32mm | Nos | 30 | | |
| 69 | MDPE Coupler SDR 11,PE 100 -63mm | Nos | 30 | | |
| 70 | MDPE Coupler SDR 11,PE 100 -125mm | Nos | 30 | | |
| 71 | MDPE Elbow SDR 11,PE 100 -32mm | Nos | 20 | | |
| 72 | MDPE Elbow SDR 11,PE 100 -63mm | Nos | 20 | | |
| 73 | MDPE Elbow 45 deg SDR 11,PE 100 -63mm | Nos | 20 | | |
| 74 | MDPE Elbow SDR 11,PE 100 -125mm | Nos | 20 | | |
| 75 | MDPE Elbow 45 degSDR 11,PE 100 -125mm | Nos | 20 | | |
| 76 | MDPE Top Tee SDR 11,PE 100 -32 x 20mm | Nos | 20 | | |
| 77 | MDPE Top Tee SDR 11,PE 100 125 x 32mm | Nos | 5 | | |
| 78 | MDPE Top Tee SDR 11,PE 100 125 x 63mm | Nos | 5 | | |
| 79 | MDPE Top Tee SDR 11,PE 100 -63 x 32mm | Nos | 5 | | |
| 80 | MDPE Top Tee SDR 11,PE 100 -63 x 20mm | Nos | 5 | | |
| 81 | Equal Tee SDR 11 ,PE 100 -20mm | Nos | 20 | | |
| 82 | Equal Tee SDR 11 ,PE 100 -32mm | Nos | 20 | | |
| 83 | Equal Tee SDR 11 ,PE 100 -63mm | Nos | 20 | | |
| 84 | Equal Tee SDR 11 ,PE 100 -125mm | Nos | 20 | | |
| 85 | End Cap SDR 11,PE 100 -20 mm | Nos | 20 | | |
| 86 | End Cap SDR 11,PE 100 -32 mm | Nos | 20 | | |

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| a | b | d | c | e | f= c X e |
| 87 | End Cap SDR 11,PE 100 -63 mm | Nos | 5 | | |
| 88 | End Cap SDR 11,PE 100 -125 mm | Nos | 5 | | |
| 89 | Reducer SDR 11,PE 100 -32x20mm | Nos | 10 | | |
| 90 | Reducer SDR 11,PE 100 -63x32mm | Nos | 5 | | |
| 91 | Reducer SDR 11,PE 100 -125x63mm | Nos | 3 | | |
| 92 | TF Fittings 20 x 1" | Nos | 30 | | |
| 93 | TF Fittings 32 x 1" | Nos | 15 | | |
| 94 | TF Fittings 63 x 1" | Nos | 5 | | |
| 95 | Leak clamp SDR 11,PE 100 -63 mm | Nos | 10 | | |
| 96 | Leak clamp SDR 11,PE 100 -125 mm | Nos | 5 | | |
| 97 | RCC Guard | Nos | 10 | | |
| 98 | Providing PCC (1:4:8) | m3 | 10 | | |
| 99 | Providing PCC (1:2:4) | m3 | 20 | | |
| 100 | Nitrogen Cylinder (7.0 m³)** | Nos | 25 | | |
| 101 | Air Compressor (including all labour and Fuel Charges)* | Per Hour | 25 | | |
| 102 | Removing and Restoration of built-up surface: | RM | 150 | | |
| 103 | Steel pipeline leak repair (Steel pipeline size Dia 12"/8"/6"/4") by Sleeves Welding at designated location/sites including transportation of sleeve Supply of manpower & Machinery, Excavation & backfilling cutting grinding beveling surface preparation welding radiography leak testing coating holiday checking etc to complete the work in all aspect as per HOGPL Laid down procedure/SOPs & directions Of E-I-C (sleeves to be supplied by contractor) (standard Sleeve Length of 80 cm Has been Assumed) (as per detailed scope of work) | | | | |
| 103.1 | 12" | lumpsum | 1 | | |
| 103.2 | 8" | lumpsum | 1 | | |
| 103.3 | 6" | lumpsum | 1 | | |
| 103.4 | 4" | lumpsum | 1 | | |
| 104 | MDPE pipe Line Repairing | | | | |
| 104.1 | MDPE pipe Line Repairing including excavation, leakage arrest,- jointing and restoration of any dia up-to 63 mm including supply and installation of all fittings required. MDPE Pipe required shall be issued by Owner as free issue material as and when required on Emergency basis | lumpsum | 25 | | |
| 104.2 | MDPE pipe Line Repairing including excavation, leakage arrest, jointing and restoration of any dia above 63 mm including supply and installation of all fittings required. As and when required on Emergency basis MDPE Pipe required shall be issued by Owner as free issue material. | lumpsum | 15 | | |
| 105 | Modification of Old Transition Fittings / Temporary Disconnection of MDPE service pipe line for existing user | | | | |
| 105.1 | Modification of Old Transition Fittings | Nos | 20 | | |
| 105.2 | Temporary Disconnection of MDPE service pipe line for existing user | Nos | 20 | | |
| 106 | RISER TESTING (from outlets of Regulator to Meter Isolation Valve at 2.0 bar (g)) | | | | |
| 106.1 | Testing of GI Pipes (1/2"/ 3/4"/ 1" and above) | Mtre | 100 | | |
| 107 | Supply of fine sand | M3 | 5 | | |
| 108 | Supply of soft soil/Sand (preferably) for Backfilling | M3 | 45 | | |
| 109 | Supply & Installation of WNRFS As per ANSI/ASME 16.5 8" | Nos | 8 | | |
| 110 | Supply & Installation of WNRFS As per ANSI/ASME 16.5 6" | Nos | 10 | | |

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| a | b | d | c | e | f= c X e |
| 111 | Supply & Installation of WNRF As per ANSI/ASME 16.5 4" | Nos | 10 | | |
| 112 | Supply & Installation of WNRF As per ANSI/ASME 16.5 2" | Nos | 20 | | |
| 113 | Stud & Bolt As per requirement | KG | 50 | | |
| 114 | Gasket Metallc Spiral Wound As per 16.20 Size 12" | Nos | 10 | | |
| 115 | Gasket Metallc Spiral Wound As per 16.20 Size 8" | Nos | 10 | | |
| 116 | Gasket Metallc Spiral Wound As per 16.20 Size 6" | Nos | 10 | | |
| 117 | Gasket Metallc Spiral Wound As per 16.20 Size 4" | Nos | 30 | | |
| 118 | Gasket Metallc Spiral Wound As per 16.20 Size 2" | Nos | 40 | | |
| Total Amount PART (A + B + C) | | | | | |
| GST @.....% | | | | | |
| Total Amount PART (A + B + C) Incl GST | | | | | |

Signature & Seal of Bidder