



Section – VIII

Schedule of Rates [SOR]

The BOQ provided on n-Procure is in Conjugation with the Attached File of SOR. Kindly Refer the SOR before Filling the rates/ percentage.

Bidders will be required to Quote/ Fill against each SOR Line Item on n-Procure.

Price Bid to be submitted on n-Procure Only. No Hard Copy of the same shall be submitted.



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SUBJECT: HIRING THE SERVICES FOR ABOVE GROUND GI INSTALLATION INCLUDING LAST MILE CONNECTIVITY AT CONSUMER END FOR NEW D-PNG CONNECTIONS IN WEST ZONE FOR PERIOD OF 01 YEAR
TENDER NO.: VGL/CO/C&P-PNG/BD202606S329

Item No.	Item Description	UoM	Qty.	Unit Rate	Amount
A	TAPPING FROM PE SERVICE LINES AND INSTALLATION UP TO MAIN ISOLATION VALVE FOR INDIVIDUAL CONNECTION Supply, Construction, laying / installation in all types of terrain by any method i.e. Manual Boring or Open Cut, testing & Commissioning of 20 mm PE -100 pipes, PE Electro fusion fittings, warning mats, Transition fittings (PE to GI Transition fittings), RCC Guard, required all consumables like PTFE tape etc which is required to complete the work at site. Proper storing, stacking, identification, providing security, and insurance cover for the materials. Liaisoning with customers, Landowning agencies / statutory authorities, preparation of detailed route plan, making trial pits to determine the underground utilities/ services etc., obtaining permission from Land owning agencies, restoration of the abandoned trial pits as required (excavation to depth for 1.0 m cover of PE pipe or more as satisfaction to EIC) to original condition as per the directions of EIC / site-in charge. Trenching to the required depth in surface, uncoiling / stringing of pipes, damping, jointing of the pipe ends/ fittings/ valves by qualified personnel, using approved electro fusion techniques as per specification.				
	Supply and PE LAYING Installation of powder coated 1/2" GI pipes up to individual Main Isolation Valve. Required all consumables like PTFE tape, roil plugs etc for leak proof installations, as per laid procedures and specification including clamping. Colour touch up to be done on installed GI pipes after testing of the entire connection.				
A.1	INSTALLATION OF GI PIPES FROM MAIN ISOLATION VALVE TO APPLIANCE VALVE				
	Receiving, handling, loading, transportation and unloading including owner supplied Free issued materials like Domestic Meter, Domestic Gas Pressure				



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	<p>Regulator, ½"NB Isolation valve and Appliance valves (Gas Tap) and Suraksha steel re-enforced Rubber hose etc which is required to complete the work to Contractor's own stock-yards/ work-sites. Proper storing, stacking, identification, providing security, and insurance cover for the materials. Liaisoning with Landowning agencies / statutory authorities, preparation of detailed route plan, obtaining permission restoration as required to original condition as per EIC instruction. Supply and Installation of powder coated 1/2" or 3/4 & 1" NB GI pipes with BSPT connection up to customer's kitchen appliances, Powder coated ½" NB or 1" NB GI fittings, Inlet/outlet brass adaptor for Meter / Regulator, Clamp required for fixing of Suraksha Rubber hose, Powder coated MS Pipe Clamp with Screw and Nuts, Nozzle for Burner conversion, Required all consumables like PTFE tape, roil plugs etc for leak proof and quality installations, as per laid procedures and specification including clamping. Colour touch up to be done on installed GI pipes after testing of the entire connection. Testing with nitrogen/air and commissioning of the GI installations, meters, valves etc as Pneumatic per specification and hand over the same to Owner/Customer to the entire satisfaction. Preparation, Certification and submission of job card duly signed by customer/daily progress reports, As-built drawings. Restore all surrounding ground features to that as existing before and as directed by EIC. Providing all tools and tackles, test ends, nitrogen, instruments, manpower and other related accessories and as per the instructions of the EIC. On completion of contract returning of all unused free issue materials to Owner's stores. Submission of all documents as mentioned in the contract. Any other activities not mentioned/ operation / safety/ statutory/ maintenance of the works shall also be covered under the Scope of work and has to be completed by the Contractor within specified schedule at no extra cost to Owner.</p>			
A.2	LIASIONING WITH LAND OWNING AGENCIES TO PERMISSION			
	Submission of applications as per approved drawing provided by contractor / contractor's representative (initial route survey, preparation of drawing , measuring and providing details of surface type shall be in scope of contractor			



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	with approval from owner / owners representative) obtained and submission of demand note, coordination , liaisons , obtain written permission from land owning agencies like VMSS, VUDA Indian Railways, and any other Got agency who maintain the public lands (all fee paid to authorities shall be reimbursed against documentary avoidance) This rates are not applicable for Private lands I. e. apartments etc.				
A.3	GROUND CONNECTION AND RISER INSTALLATION WITH A PROVISION OF TEE AT EACH FLOOR WITH HEX PLUG IF ANY				
	Supply, Construction, laying / installation in all types of terrain by any method i.e. Manual Boring or Open Cut, testing & Commissioning of 20 mm PE -100 pipes, PE Electro fusion fittings, warning mats, Transition fittings (PE to GI Transition fittings), RCC Guard, required all consumables like PTFE tape etc which is required to complete the work at site. Proper storing, stacking, identification, providing security, and insurance cover for the materials. Liaisoning with customers, Landowning agencies / statutory authorities, preparation of detailed route plan, making trial pits to determine the underground utilities/ services etc., obtaining permission from Land owning agencies, restoration of the abandoned trial pits as required (excavation to depth for 1.0 m cover of PE pipe or more as satisfaction to EIC) to original condition as per the directions of EIC / site-in charge. Trenching to the required depth in surface, uncoiling / stringing of pipes, damping, jointing of the pipe ends/ fittings/ valves by qualified personnel, using approved electro fusion techniques as per specification.				
	Supply and Installation of powder coated 1/2"/ 1" GI pipes including GI fittings, required all consumables like PTFE tape, roil plugs etc for leak proof Riser installations, as per laid procedures and specification including clamping. Colour touch up to be done on installed GI pipes after testing of the entire Riser including Ground Connection.				
NOTE:	1. Individual connection means PNG connection with dedicated ground connection.				
	2. All other tapping connections from GI are considered under apartment				



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	/ flat Connections.					
B	Individual Connection (Upto 5 m of 20mm MDPE Pipe and 10 m ½" GI Pipe)					
B.1	GROUND CONNECTION UPTO Individual Main Isolation Valve.	EA	25,000.00	₹ 1,342.83		₹ 3,35,70,750.00
B.2	1/2" NB GI pipes from Main isolation valves to appliance valve for individual connection.	EA	16,750.00	₹ 2,775.18		₹ 4,64,84,265.00
C	PE LAYING Flat Connection Apartment					
	Tapping from GI riser tee and installation of GI pipes up to Main (Meter) Isolation valve (Lateral)					
C.1	Individual Connection (up to 07 m ½" GI Pipe) 1/2" NB GI pipes from Main isolation valves to appliance valve for individual Apartment connection	EA	16,750.00	₹ 2,171.58		₹ 3,63,73,965.00
D	GI Riser / Header installation					
D.1	Installation of 1/2" Riser up to G+3 including Ground Connection.	EA	5,000.00	₹ 3,222.79		₹ 1,61,13,950.00
D.2	Installation of 1/2" Riser beyond G+ 8 floors for each floor extension.	EA	4,000.00	₹ 1,074.26		₹ 42,97,040.00
D.3	Installation of 1/2" Header (Horizontal) up to 3 Row Houses including Ground Connection.	EA	2,000.00	₹ 2,659.96		₹ 53,19,920.00
D.4	Installation of 1/2" Header (Horizontal) beyond 3 Row houses for each row house extension.	EA	1,000.00	₹ 461.79		₹ 4,61,790.00
D.5	Installation of 1" Riser up to G+8 including Ground Connection	EA	1,000.00	₹ 9,572.66		₹ 95,72,660.00
D.6	Installation of 1" Riser beyond G+ 8 floors for each floor extension.	EA	1,000.00	₹ 974.99		₹ 9,74,990.00
D.7	Installation of 1" Header (Horizontal) up to 6 Houses including Ground Connection.	EA	1,000.00	₹ 2,659.96		₹ 26,59,960.00
D.8	Installation of 1" Header (Horizontal) beyond 6 houses for each row house extension.	EA	1,000.00	₹ 375.82		₹ 3,75,820.00



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E	Installation of Common approach for Riser connectivity				
E.1	1/2" NB GI pipe common approach installation as per instruction of Engineer In charge	M	20,000.00	₹ 199.42	₹ 39,88,400.00
E.2	1" NB GI common approach installation as per instruction of Engineer In charge.	M	20,000.00	₹ 267.67	₹ 53,53,400.00
E.3	Additional point in Kitchen with Owner supplied Appliance Valve & Rubber Hose	EA	20,000.00	₹ 199.42	₹ 39,88,400.00
E.4	Additional point for Geyser with Owner supplied Appliance Valve & Rubber Hose upto 10 meter of 1/2" GI Pipe	EA	12,500.00	₹ 376.70	₹ 47,08,750.00
E.5	Installation of Appliance Valve & Rubber Hose including supply of Rubber Hose Clamp	EA	12,500.00	₹ 21.27	₹ 2,65,875.00
E.6	Conversion of Single/Two burner stove for Additional kitchen Point	EA	12,500.00	₹ 21.27	₹ 2,65,875.00
E.7	Conversion of more than Two Burner rates to be quoted Each Burner	EA	17,500.00	₹ 35.45	₹ 6,20,375.00
E.8	Installation of GI Pipe NB 1/2" per meter, this additional GI Pipe will only be Considered beyond the below provide individual length per connection i.e. as per the following formula 1. For Bungalow connection Beyond – 10 mtr. 2. For Apartment connection Beyond – 07 mtr.	M	20,000.00	₹ 288.07	₹ 57,61,400.00
E.9	Laying of 20mm SDR 11 – PE 100 per connection after of 5 mtrs.	M	18,750.00	₹ 150.67	₹ 28,25,062.50
E.10	Drilling of Hole as per requirement for Domestic PNG Connectivity per Hole in Brick wall including labour and tools & tackles core cutting	Each	15,000.00	₹ 132.95	₹ 19,94,250.00
E.11	Drilling of Hole as per requirement for Domestic PNG Connectivity per Hole in RCC Wall / Slab with core cutter including labour and tools & tackles	Each	15,000.00	₹ 266.79	₹ 40,01,850.00
F	Domestic Registration				
F.1	This is the primary activity for executing this tender. The primary activity under this scope of work (SOR) involves executing door to door visits in PNG charged societies or areas where piped natural gas is readily available as periodically notified by the EIC. The scope includes convincing potential	Nos.	33,750.00	₹ 282.99	₹ 95,50,912.50



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	consumers, facilitating domestic registrations, collecting cheques as per the plan, gathering and uploading relevant documents and ensuring timely entry of consumer details into the VGL's portal for the generation of business partner numbers. Any duplicate/ bogus PNG registration attracts penalties as per penalty clause.			
G	Gross Total Amount			₹ 19,95,29,660.00
H	Add: GST @ 18%			₹ 3,59,15,338.80
I	Grand Total Amount			₹ 23,54,44,998.80
J	Bidder is required to be Quoted in % (+/-) of above Grand Total Amount			to be Quoted by Bidder in % (+/-) of above Total

Place:

Date:

Signature of Authorized Signatory with Stamped