

SPEC.NO.  
TCE-6482C-CV-  
6171-3001

**TATA CONSULTING ENGINEERS LIMITED**

SECTION :  
ADDENDUM -1  
SHEET 1 of 4

**ADDENDUM - 1**

**ASSAM PETRO-CHEMICALS LIMITED**

**ENQUIRY NO. : TCE.6482C-CV-6171-3001**

**TENDER FOR LAYING PIPELINE FOR  
PLANT WATER SYSTEM**

ADDENDUM NO - 1

I / We certify that I / We have read Addendum No - 1 and the same has been considered while submitting the tender.

Signature of Tenderer:

For :

Address :

Date :

Seal of the Company

SPEC.NO. TCE-6482C-CV- 6171-3001	<b>TATA CONSULTING ENGINEERS LIMITED</b>	SECTION : ADDENDUM -1
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**ASSAM PETRO-CHEMICALS LIMITED**

**ADDENDUM NO - 1**

**Section A**

1. Section A5 TCE.6842C-CV-6171- 3001 R0, Instruction to Bidder, Sheet 4 of 20

Clause 4.3, b

“A newly formed incorporated joint venture (JV) which has not completed 3 financial years from the date of commencement of business”

shall be replaced by

“A newly formed incorporated joint venture (JV) which has completed 3 financial years from the date of commencement of business”

2. Section A5 TCE.6842C-CV-6171- 3001 R0, Instruction to Bidder, Sheet 5 of 20

Clause 4.4, c, i

“Each member in a consortium may only be a legal entity and not an individual person;”

shall be replaced by

“Each member in a consortium should be a legal entity;”

**Section C**

3. Section C2 TCE.6842C-CV-6171- 3001 R0, Schedule of Quantities

Shall be replaced by

Section C2 TCE.6842C-CV-6171- 3001 R1, Schedule of Quantities  
attached to this addendum

**Section D**

4. Section D1 TCE.6842C-CV-6171- 3001 R0, Specification – Ductile Iron Pipe

Following changes shall be noted in the DI Pipe specification

The DI Pipe shall be internally lined with cement mortar with OPC and thickness of lining and bore diameter shall conform to IS 8329-2000

The DI pipe shall be externally coated with zinc 130 GSM and finishing layers is with bitumen (70 microns). The coating mass / thickness shall be as per the requirement of IS 8329-2000

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5. The Approved Vendor List is attached.

<b>SI No.</b>	<b>Items</b>	<b>Approved Vendors</b>
1	DI Pipes and Fittings	Electrosteel, Tata Metallik, Rashmi Metallik, Jai Balaji
2	Sluice Valve	Kirloskar, VAG
3	Kinetic Air Valve	Kirloskar, VAG, Amflow

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**ASSAM PETRO-CHEMICALS LIMITED**

**PREBID MEETING**

The Prebid meeting for the "TENDER FOR LAYING PIPELINE FOR PLANT WATER SYSTEM" was held at the APL Office, Namrup, Assam, on 09.02.2018 at 14:00 hrs in the Conference room. The meeting was presided by GGM (P&M), APL.

The meeting was attended by following bidders:

1. M/s Santosh Sahewalla Builder and Engineers
2. M/s N. R. Enterprises

No queries were submitted by the above Bidders

Item No.	Description	Unit	Quantity	Rate	Amount
	EARTH WORK				
1	Demolishing stone rubble masonry including stacking of serviceable materials and disposal of unserviceable materials as directed for all levels				
	Compound wall	Cum	3		
	Fencing	Rmt	1640		
2	Earthwork in excavation for foundation trenches of walls, retaining walls, footings of column, steps, septic tank etc. including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified in the following classification of soils including bailing out water where necessary as directed and specified.				
	Upto depth of 2 m	Cum	9650		
	Upto depth of 2m and above	Cum	10		
3	Excavation measured net outside the limits of associated pipe trenches from existing ground levels at valve chambers, anchor blocks etc. and disposing off the surplus excavated material as per specification within a lead of 2 kms.				
	a) Upto depth of 2 m	Cum	127		
	b) Above 2 m but upto 4 m depth	Cum	127		
	c) Above 4 m de to 6m depth	Cum	47		
4	Backfilling around foundations and other structures with approved murrum from available municipal material within a lead of 2 kms.				
	Valve chamber	Cum	33		
5	Provide and place soft or granular material for bedding of pipes.	Cum	521		
6	Providing shoring in trenches wherever directed as per specification.				
	a) for depth of shoring upto 2m	Sq.m	13224		
	b)for depth above 2m upto 4m	Sq.m	1850		

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Item No.	Description	Unit	Quantity	Rate	Amount
	c)for depth above 4m upto 6m	Sq.m	13		
7	Plain cement concrete(100 mm thick) floor base in prop 1:3:6 laid in alternate bays as specified with coarse agg. of size 13mm to 32mm including dewatering if necessary, and curing etc. complete.				
	Below pipe	Sq.m	147		
8	Providing and laying plain/reinforced cement concrete works M20 cement, coarse sand & 20mm down graded stone aggregate of including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately)	Cum	90		
10	Providing and laying plain/reinforced cement concrete(M25) works cement, coarse sand & 20mm down graded stone aggregate of including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately)				
	Valve chamber	Cum	55		
10	Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete. (No extra measurement for lap, hook, chair, anchor etc. will be entertained in the measurement as they are included in the rate) (Upto 1st floor level)	Qtl	137		
11	Precast reinforced concrete cover slab grade M25 for cover slab of valve chamber etc. complete excluding reinforcement.	Cum	4		
12	Supply and embed anchor bolts, channels, angles, plates and all other types of inserts in concrete members in all positions and at all levels including two coat of approved oil paint over one coat of zinc-rich primer over exposed surfaces	Qtl	47.5		

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Item No.	Description	Unit	Quantity	Rate	Amount
13	Providing soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete.	Sq.m	1868		
14	<b>SHUTTERING</b>				
	Providing formwork using 2mm pressed bend shuttering plate of mild sheet and tubular telescopic steel props including centering, shuttering, strutting and propping etc. complete and removal of the same for in situ reinforced concrete and plain concrete work in:	Sq.m			
	Base slab		11		
	walls		108		
	encasement		263		
	pedestal		79		
	PCC		33		
	<b>FENCING</b>				
15	Supplying , fitting and fixing barbed wire fencing with seven strands of barbed wire 12 S.W.G.x 2pliesx 4 points at 75mm apart including supplying fitting and fixing concrete post of size 100mmx100mm , 1800mm long at 1500mm apart driven at least 600mm under ground	Rm	1640		
16	<b>STONE MASONRY</b>				
	Stone masonry work in retaining wall, wing wall, abutment, foundation, steps, plinth etc. in cement mortar in prop 1:6 with levelling course of 1:6:12 with both faces hammer dressed including bonding, providing face stone, through stone and centering including racking of joints, curing and supplying and all carriage of stone as directed including payment of forest royalty and sales tax and carriage.				
	(a) Random Rubble Masonry	Cum	3		
	<b>PIPE</b>				
17	Supplying, Loading, transporting, laying, inspection and testing D. I. K-9 grade pipes (total length 5 meter) for following nominal bore diameter with internally cement mortar lined and bituminous coating externally with all fittings (bends, tees, Y joint, etc.) including all taxes, insurance, transportation, freight charges, inspection charges, loading,				

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Item No.	Description	Unit	Quantity	Rate	Amount
	unloading, conveyance to site etc. complete. (IS - 8329 / 2000)				
	a) 350 mm	Rmt	1480		
	b) 250 mm	Rmt	2226		
	<b>VALVES</b>				
18	Supplying, Loading, transporting on site, unloading, ISI mark Doubled Flanged sluice valves of PN 10 conforming to IS - 14846 along with its complete appurtenances & nuts, bolts, washers, packings, flange adapter etc., hoisting, lowering and positioning the same in true plumb and level with tapers, saddles, flanges, etc. on DI water pipes along for following diameters.				
	a) 200 mm	Nos.	1		
	b) 250 mm	Nos.	1		
19	Supplying, Loading, transporting on site Tamper proof Kinetic Air valves of PN 1.0 with isolation valve, nuts, bolts, washers etc. hoisting, lowering and positioning the same in true plumb and level on DI water pipes				
	a) 80 mm	Nos.	8		

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