

Section 7
(PRICE BID)

**GUWAHATI METROPOLITAN DEVELOPMENT AUTHORITY
(GMDA)**

TENDER NO : GMDA/DEV/09/2016/11, dated 03 /01/2017

TENDER DOCUMENT

**FOR PILOT PROJECT FOR INTREGATED LAND USE PLANNING
AND WATER RESOURCE MANAGEMENT**

BID DOCUMENT No.2

PRICE BID

PRICE BID

PART I

General Information

- 1.1 The scope of work of bidder for quoting the Price Bid shall include the following :
- Supply of all equipment as per Technical Specifications.
 - Port & custom clearance of imported machinery, if any.
 - Payment of Excise duty, Insurance charges, Octroi, Works Contract Tax, Sales Tax, or any other tax on any account in terms of clauses 37 of General Conditions of Contract.
 - Custom duty or other Govt. levy in custom department (other than due to default of contractor) to be paid shall be reimbursed as per actual.
 - Transportation of machinery upto site.
 - Civil works at site.
 - Erection & commissioning of imported/Indian equipment.
 - Twelve months maintenance.
- 1.2 Custom duty to be paid to Government of India if any shall be reimbursed as per actual.
- 1.3 Bidder to note the following:
- a. The stages of payment shall be as per the *Payment Schedule* (PRICE BID, PART – II).
 - b. Detailed billing schedule (agreed between client & contractor) is required for payment against supply & services.

PRICE BID
PART – II

Project : Pilot Project for Integrated Land -use Planning and Water Resource Management

Payment Schedule

Sl. No.	DESCRIPTION OF WORKS	Payment Schedule percentage
1.	Construction of drain, Contour drain, Retaining Wall.	As per measurement at site
2.	Construction of Roads using Paver Blocks and Step Chutes.	As per measurement at site
3.	Completion of underground water reservoir with silt trap.	As per measurement at site
4.	Rain water harvesting, bamboo huts, development of pond, construction of Geo-grids , plantation and other remaining works.	As per measurement at site

Section 8 (Part of Financial Bid)
Form of Bid
(The Bidder shall fill in and submit this Bid form with this bid)

To,

Chief Executive Officer
GMDA. Bhangagarh, Guwahati-5.

Description of work : **FOR PILOT PROJECT FOR INTREGATED LAND USE
PLANNING AND WATER RESOURCE MANAGEMENT**

1. I/We offer to execute the construction and maintenance for the work as described above on **Item Rate basis vide Annexure –I (BOQ)** in conformity with the conditions of contract, specification, drawings, price bid
 - a) Total Bid Price
Rs.
(in figures)
2. We undertake to commence the works on receiving the Notice to proceed with work in accordance with the contract documents.
3. This Bid and your written acceptance of its shall constitute a binding contract between us. I understand that you are not bound to accept the lowest or any bid you receive.

Authorized Signature:_____

Name and Title of Signatory: _____

Name of Bidder:_____

Address:

Bill Of Quantities
(To be filled by Bidder)

Name of work : Pilot Project for Integrated Land–use Planning and Water Resource Management

Sl No.	Item of work	Unit	Quantity	Quoted Rate in Rs. (both in figure and words)	Amount in Rs. (both in figure and words)
1	EARTHWORK IN EXCAVATION 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. (A) Up to a depth of 2.00m below the existing ground level. (a) In ordinary soil	Cum	7243.67		
2	BRICK SOLING 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 sub grade as directed including all labour and materials and if necessary dewatering, complete. (a) Brick on flat soling.	Cum	3648.81		
3	PLAIN CEMENT CONCRETE WORKS Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately). (a) In prop 1cement: 3 sand :6 coarse aggregate volume	Cum	397.79		
4	BRICK WORK 1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level (protruding M.S rod/Tor steel of column to be embedded in cement mortar and will be measured and paid separately)	Sqm	2720.00		

	(A) 112mm thick brick wall				
	(a) In cement mortar in proportion 1:4.				
5	20 mm thick Cement plaster in two coats on single or half brick walls for interior plastering up to 1st floor level including arises, internal rounded angles, chamfers and / or rounded angles not exceeding 80mm in girth and finished even and smooth including curing complete as directed.	Sqm	6096.20		
	b) In cement mortar 1:4				
6	Finishing the bottom of the drain with pebbles etc. so that storm water can infiltrate the surface and get deposited along with ground water.	Cum	24.00		
7	PAVERS Providing polished tiles of approved quality, size, shape of specified thickness on pavers over a base of 100mm compacted sand gravel including cutting where necessary finished with flush pointing with FIX – A- Tile (Choksey/Sika/Pedelite/Rouf)/white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department.	Sqm	4615.26		
	(A)SUN ROCK HIGH CTS Tiles (Pavers) 60 mm thick				
8	Filling with available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers, consolidating each deposited layer by ramming and watering, lead up to 50 mtr and lift up to 1.5 mtr.	Cum	273.70		
9	RANDOM RUBBLE MASONRY WORK Random Rubble Masonry with hard stone in foundation and plinth including leveling up with cement concrete 1:6:12 (1 Cement:6 Coarse sand: 12 Graded Stone Aggregate 20mm nominal size) at plinth level with Random Rubble Masonry	Cum	574.47		
10	POINTING OF STONE WORK Pointing of stone work with cement mortar 1:3 (1 cement: 3 fine sand) Raised and cut pointing	Sqm	975.00		

11	<p>BACK FILLING Supplying and back filling with rubble as per drawing, including royalty, excavation, loading, transport to all leads, unloading and filling and compaction in layers as per specification.</p>	Cum	546.00		
12	<p>Providing and laying coping work at the top of the random Rubble Masonry wall with PCC 1:3:6 (1 cement: 3 coarse sand :6 graded stone aggregate 40mm nominal size)</p>	Cum	5.85		
13	<p>Providing and laying PVC pipe for weep hole 160 mm dia.</p>	RM	1170.00		
14	<p>BRICK WORK Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed.</p>	Cum	153.18		
	<p>(I) In Sub-structure upto plinth level including dewatering if necessary</p>				
	<p>b) In cement mortar 1:4</p>				
15	<p>Providing and laying plain/reinforced cement concrete work in prop. 1:1.5:3 (1 cement:1.5 coarse sand:3 graded stone chips, 20mm down 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)</p>	Cum	445.07		
	<p><i>(A) In substructure up to plinth level</i> Foundation, footing, columns with base tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank, inspection pit and the like and other works not less than 100mm thick.</p>				
16	<p>Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., height of propping and centering below supporting floor to ceiling not exceeding 4.0M and removal of the same for in-situ reinforced concrete and plain concrete work in:</p>	Sqm	1301.40		
	<p>Foundation, columns, beams nad top slab.</p>				

	(a) Using 25mm thick plank				
17	10 mm thick Cement plaster in single coat on fair side of brick/concrete walls for interior plastering up to 1st floor level including arises or rounded angles not exceeding 80mm girth and finished even and smooth including curing complete as directed.	Sqm.	1212.60		
	b) In cement mortar 1:4				
18	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.	Qntl	666.40		
	a) TMT bars-TATA				
19	Site camp and mechanized cleaning of silt	job	1		
20	Renewing / providing Muli / Jati bamboo double tarja enclosure walls with Baruah / Bhaluka bamboo 87 mm to 100 mm dia.1800 mm apart and 1800 mm height (approx) above ground and driven 750 mm below ground and half Muli / Jati bamboo on both the faces 4 lines, including supplying and tying with galvd.wire complete as directed.	Sqm .	324.00		
21	Providing corrugated galvanized Iron sheet roofing of TATA SHAKTEE / SAIL including fitting and fixing necessary galvenised J or L hooks, bolts and nuts 8 mm dia with bitumen washer 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost of roof truss, purlin etc. (Roof trusses and purlin etc.to be measured and paid separately).	Sqm .	156.00		
	a) 0.45mm thick				
22	Providing galvd. iron ridging of TATA SHAKTEE / SAIL including supplying and fixing necessary galvd screws/washers etc. complete as directed.	RM	6522.44		
	(a) 0.45 mm thick				
	(i) 150 mm lapping				
23	Labour for fitting and fixing Galvd corrugated iron roofing including supplying and fixing with new galvd screw, J hook, bolts nuts,				

	washer etc. complete as directed.	RM	156.00		
24	Labour for taking out and refitting Galvd ridging including supplying and fixing necessary galvd screw, bolts and nuts complete as directed.	RM.	6558.44		
25	Supplying and placing plastic cylindrical vertical closed top (PCVC) tank of Sintex / Polycon / Patton make over the staggering with manhole cover with locking and cleaning arrangement including providing pads of size as required for inlet and outlet pipes.	Each	300		
	IV)500 litre capacity				
	a) Sintex make				
26	Cleaning & clearing the jungle and other unwanted materials from the project area.	job	1		
27	Providing and installation of Geogrids including cost of nails etc.	Hact.	0.3		
	Providing and installation of Geogrids In Forest Area including cost of nails etc.	Hact.	0.21		
28	Plantation of grass, creepers, shrubs, vetivers for erosion protection				
	a) Grass	Hect.	1.05		
	b) Creepers	Hect.	0.20		
	c) Shrubs	Hect.	0.75		
	d) Vetivers	Hect.	0.30		
29	Development of pond	Hect.	0.40		
30	Timber tree plantation-	Each	2500		
	Supply & plantation, fertilizer, watering etc. including 1 year maintenance				

31	Bamboo plantation-	Hect.	0.40		
	Supply & plantation, manure & fertilizer, watering etc. including 1 year maintenance				
32	Neem tree plantation-	Each	400		
	Supply & plantation, manure & fertilizer, watering etc. including 1 year maintenance				
33	Fruit tree plantation-	Each	63		
	Supply & plantation, manure & fertilizer, watering etc. including 1 year maintenance				
34	Construction of Bamboo rail	job	1		