Government eProcurement System
Created By: Deepak Kumar
Created Date/Time: 09-Sep-2021 04:00 PM
Tender Title: Construction of BDDS and Watch Tower No 7 at C A Rajkot
Tender ID: 2021 AAI 84684 1

Tender Inviting Authority: Bid Manager / Sr. Manager (E C), AAI, CA Rajkot.
Name of Work :- Construction of BDDS and Watch Tower No. 7 at C.A. Rajkot.
Contract No: 2021_AAI_84684_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	Arpan Engineering Co(GSTN-24AAZFA7613G1Z8)		Umiya Construction(GSTN-24AABFU5911F1ZH)		L1 Amount	L1 Vendor
					Rate	Amount	Rate	Amount		
1.00	Consultancy charges for preparation of detailed structural design & bar bending schedule on the basis of relevant IS code sound engineering practices & the same is to be got approved by prof / HOD of any Govt. recognised & AICTE accredited Engineering college. Note : Design as per site conditions & typical section - plan drawings.	1.00	Job		42500.00	42500.00	10000.00	10000.00	10000.00	Umiya Construction
2.00	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	19.00	Cum		154.32	2932.03	190.00	3610.00	2932.03	Arpan Engineering Co
3.00	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m. Ordinary rock	11.00	Cum		299.67	3296.34	500.00	5500.00	3296.34	Arpan Engineering Co
4.00	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. All kinds of soil	25.00	Cum		76.84	1921.00	40.00	1000.00	1000.00	Umiya Construction
5.00	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. Ordinary or hard rock	11.00	Cum		137.78	1515.63	50.00	550.00	550.00	Umiya Construction
6.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	4.50	Cum		4921.16	22145.22	3250.00	14625.00	14625.00	Umiya Construction
7.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	5.00	Cum		5770.31	28851.55	4300.00	21500.00	21500.00	Umiya Construction
8.00	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	6.00	Cum		6128.97	36773.81	5200.00	31200.00	31200.00	Umiya Construction
9.00	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	2.30	Cum		7910.10	18193.23	5500.00	12650.00	12650.00	Umiya Construction

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	Arpan Engineering Co(GSTN-24AAZFA7613G1Z8)		Umiya Construction(GSTN-24AABFU5911F1ZH)			
10.00	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	8.20	Cum		8298.55	68048.11	5700.00	46740.00	46740.00	Umiya Construction
11.00	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	32.00	Sqm		242.12	7747.92	350.00	11200.00	7747.92	Arpan Engineering Co
12.00	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	20.00	Sqm		469.24	9384.85	400.00	8000.00	8000.00	Umiya Construction
13.00	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts	29.00	Sqm		623.64	18085.70	475.00	13775.00	13775.00	Umiya Construction
14.00	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform	44.00	Sqm		589.09	25920.07	475.00	20900.00	20900.00	Umiya Construction
15.00	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	600.00	kg		70.97	42585.00	84.00	50400.00	42585.00	Arpan Engineering Co
16.00	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	1100.00	kg		70.97	78072.50	84.00	92400.00	78072.50	Arpan Engineering Co
17.00	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	100.00	Cum		186.70	18670.25	90.00	9000.00	9000.00	Umiya Construction
18.00	Brick work with clay flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in : Cement mortar 1:6 (1 cement : 6 coarse sand)	1.60	Cum		6451.88	10323.01	4750.00	7600.00	7600.00	Umiya Construction
19.00	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	14.00	Sqm		216.11	3025.58	180.00	2520.00	2520.00	Umiya Construction
20.00	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	16.00	Sqm		248.92	3982.76	200.00	3200.00	3200.00	Umiya Construction
21.00	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	65.00	Sqm		193.25	12561.09	160.00	10400.00	10400.00	Umiya Construction
22.00	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming coat with cement primer	20.00	Sqm		130.43	2608.65	60.00	1200.00	1200.00	Umiya Construction
23.00	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	85.00	Sqm		142.54	12116.32	75.00	6375.00	6375.00	Umiya Construction
24.00	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	620.00	kg		79.60	49353.55	88.00	54560.00	49353.55	Arpan Engineering Co
25.00	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	150.00	kg		111.35	16702.50	90.00	13500.00	13500.00	Umiya Construction

09/2021 (E-C)

No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	Arpan Engineering Co(GSTN-24AAZFA7613G1Z8)		Umiya Construction(GSTN-24AABFU5911F1ZH)			
26.00	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	160.00	kg		86.49	13838.00	87.00	13920.00	13838.00	Arpan Engineering Co
27.00	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. M.S. tube	70.00	kg		123.80	8666.18	100.00	7000.00	7000.00	Umiya Construction
28.00	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces	3.00	Sqm		3763.93	11291.78	2800.00	8400.00	8400.00	Umiya Construction
29.00	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	135.00	kg		360.10	48613.84	450.00	60750.00	48613.84	Arpan Engineering Co
30.00	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	60.00	kg		436.39	26183.40	500.00	30000.00	26183.40	Arpan Engineering Co
31.00	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	100.00	Sqm		103.32	10331.75	80.00	8000.00	8000.00	Umiya Construction
32.00	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)	6.00	Sqm		1101.94	6611.64	700.00	4200.00	4200.00	Umiya Construction
	Total in Figures					662853.26		584675.00		

Lowest Amount Quoted BY: Umiya Construction(584675.00)

09/09/2021

BOQ Summary Details
Tender Title: Construction of BDDS and Watch Tower No 7 at C A Rajkot
Tender ID: 2021_AAI_84684_1

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	Umiya Construction	584675.00	L1
	2	Arpan Engineering Co	662853.26	L2

09/09/2021
SM(E-C)

Signature Not Verified

Digitally signed by Deepak Kumar
Date: 2021.09.09 16:28:38 IST
Location: eProcurement System for Central PS