

Government eProcurement System
Created By: KESHAV AUTADE
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Tender Title: Replacement of Existing tilted load bearing Operational boundary wall at few stretches with RCC wall at C A Rajkot
Tender ID: 2023_AAI_156928_1

Tender Inviting Authority: Bid Manager / Sr. Manager (E C), AAI, CA Rajkot.
Name of Work :- Replacement of Existing tilted load bearing Operational boundary wall at few stretches with RCC wall at C.A. Rajkot.
Tender ID: 2023_AAI_156928_1

SCHEDULE OF WORK / ITEM(S)				
Sl.No	Description of Work / Item(s)	No. of Qty	Units	Estimated Rate

1.00	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	135.00	Cum	
2.00	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.	135.00	cum	
3.00	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing. 1:2.4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	1.00	cum	
4.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 40 mm nominal size derived from natural sources)	4.00	cum	
5.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	2.00	cum	

Arpan Engineering Co(GSTIN- 24AAZFA7613G1Z8)		Umia Construction(GSTN 24AABFU5911F1ZH)	
Rate	Amount	Rate	Amount
170.00	22950.00	200.00	27000.00
230.00	31050.00	100.00	13500.00
8900.00	8900.00	5300.00	5300.00
6400.00	25600.00	4600.00	18400.00
5300.00	10600.00	4300.00	8600.00

L1 Amount	L1 Vendor
22950.00	Arpan Engineering Co
13500.00	Umia Construction
5300.00	Umia Construction
18400.00	Umia Construction
8600.00	Umia Construction

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17/07/2023
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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)

6.00	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work, using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength, including pumping of concrete to site of laying, curing, carriage for all leads, but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge, for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works upto plinth level	28.00	cum		
7.00	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work, using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength, including pumping of concrete to site of laying, curing, carriage for all leads, but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge, for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works above plinth level upto floor V level Concrete of M25 grade with minimum cement content of 330 kg /cum	6.00	cum		
8.00	Centering and shuttering including strutting, propping etc. and removal of form work for : Foundations, footings, bases for columns, etc. for mass concrete	54.00	Sqm		
9.00	Centering and shuttering including strutting, propping etc. and removal of form work for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	27.00	Sqm		
10.00	Centering and shuttering including strutting, propping etc. and removal of form work for : Columns, Pillars, Piers, Abutments, Posts and Struts	89.00	Sqm		
11.00	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.	3311.00	Kg		
12.00	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.	663.00	Kg		

7800.00	218400.00	6500.00	182000.00
9210.00	55260.00	6800.00	40800.00
280.00	15120.00	435.00	23490.00
580.00	15660.00	460.00	12420.00
740.00	65860.00	470.00	41830.00
90.00	297990.00	91.00	301301.00
90.00	59670.00	91.00	60333.00

182000.00	Umiya Construction	L1 Amount	L1 Vendor
40800.00	Umiya Construction		
15120.00	Arpan Engineering Co		
12420.00	Umiya Construction		
41830.00	Umiya Construction		
297990.00	Arpan Engineering Co		
59670.00	Arpan Engineering Co		

Dr. Arpan

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		
13.00	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	7.00	Cum		6000.00	42000.00	42000.00	Arpan Engineering Co
14.00	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	31.00	Cum		7300.00	226300.00	226300.00	Arpan Engineering Co
15.00	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.	100.00	Kg		120.00	12000.00	12000.00	Arpan Engineering Co
16.00	12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand)	162.00	Sqm		255.00	41310.00	41310.00	Arpan Engineering Co
17.00	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 coarse sand)	162.00	Sqm		271.00	43902.00	43740.00	Umiya Construction
18.00	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)	270.00	Sqm		145.00	39150.00	27000.00	Umiya Construction
19.00	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	9.00	Cum		1500.00	13500.00	6300.00	Umiya Construction
20.00	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge In cement mortar	56.00	Cum		1020.00	57120.00	28000.00	Umiya Construction
21.00	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	64.00	Cum		160.00	10240.00	10240.00	Arpan Engineering Co
22.00	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge. with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	45.00	metre		310.00	13950.00	13950.00	Arpan Engineering Co

Signature
17/07/2023
AGM(c)

Sl.No	Description of Work / Item(s)	No. of Qty	Units	Estimated Rate	Arpan Engineering Co(GSTN- 24AAZFA7613G1Z8)		Umiya Construction(GSTN- 24AABFU5911F1ZH)	
				Rate	Amount	Rate	Amount	
23.00	Providing and erecting 2.00 metre high temporary barricading at site; each panel of size 2.50mx2.00m made of 40x40x6mm angle iron or 50x50x3mm hollow MS tube posts/horizontal members/ bracings covered with 1.63mm thick MS sheet. The sheet shall be fixed with 30x5mm MS flat by suitable welding/riveting. The panels shall be made so that gap of 50cm above the ground is available making overall height as 2.5m. MS channel ISLC 75 @ 5.70 kg/m. 50cm long shall be provided at the bottom having oval shaped holes of size 50x25mm at both ends with 50cm long MS angle 40x40x6mm bracing. Suitable arrangement shall be made to fix the barricading to avoid from overturning by providing 250mm long expansion fasteners at both ends. The work shall be executed as per drawing/direction of Engineer-in-Charge which includes writing and painting, arrangement for traffic diversion such as traffic signals during construction at site for day and night, glow lamps, reflective signs, marking, flags, caution tape as directed by the Engineer-in-Charge. The barricading provided shall be retained in position at site continuously i/c shifting of barricading from one location to another location as many times as required during the execution of the entire work till its completion. Rate include its maintenance for damages, painting, all incidentals, labour materials, equipments and works required to execute the job. The barricading shall not be removed without prior approval of Engineer-in-Charge. (Note :- One time payment shall be made for providing barricading from start of work till completion of work i/c shifting. The barricading provided shall remain to be the property of the contractor on completion of the work).	45.00	metre	2450.00	110250.00	1650.00	74250.00	
24.00	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	55000.00	55000.00	30000.00	30000.00	

L1 Amount	L1 Vendor
74250.00	Umiya Construction
30000.00	Umiya Construction

Lowest Amount Quoted By: Umiya Construction(1358784.00)

Shubhu
17/07/2023
AQM(C)

BOQ Summary Details

Tender Title: Replacement of Existing tilted load bearing Operational boundary wall at few stretches with RCC wall at C A
Rajkot

Tender ID: 2023_AAI_156928_1

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	Umiya Construction	1358784.00	L1
	2	Arpan Engineering Co	1491782.00	L2


17/07/2023
AGM (C)

Signature Not Verified

Digitally signed by KESHAV RAMHARI
AUTADE
Date: 2023.07.17 16:39:37 IST
Location: eProcurement System for Central
PSUs