

BOQ Summary Details

Tender Title: Construction of security watch towers at extended portion of runway 24 side at S.V. Airport, Raipur.
Tender ID: 2022_AAI_132835_1

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	MD RIYAJUDDIN	1632179.00	L1
	2	M/s Awadhesh Construction	1941605.00	L2

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MSR (Rm)

Tender Inviting Authority: Airports Authority of India, S.V. Airport, Raipur

Name of Work: Construction of security watch towers at extended portion of runway 24 side at S.V. Airport, Raipur.

Contract No: 2022_AAI_132835_1

SCHEDULE OF WORK / ITEM(S)										
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	M/s Awadhesh Construction(GSTN-NA)		MD RIYAJUDDIN(GSTN-NA)			
					Rate	Amount	Rate	Amount	L1 Amount	L1 Vendor
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. a) All kinds of soil	120.00	CUM	0.00	85.00	10200.00	97.00	11640.00	10200.00	M/s Awadhesh Construction
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	110.00	CUM	0.00	75.00	8250.00	102.00	11220.00	8250.00	M/s Awadhesh Construction
3.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : a) 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)	30.00	CUM	0.00	4900.00	147000.00	4041.00	121230.00	121230.00	MD RIYAJUDDIN
4.00	b) 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	50.00	CUM	0.00	3500.00	175000.00	3635.00	181750.00	175000.00	M/s Awadhesh Construction
5.00	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 1.10 times 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 a) Concrete of M25 grade with minimum cement content of 330 kg /cum	12.00	CUM	0.00	5000.00	60000.00	4927.00	59124.00	59124.00	MD RIYAJUDDIN
6.00	All works above plinth level upto floor V level b) Concrete of M25 grade with minimum cement content of 330 kg /cum	30.00	CUM	0.00	5000.00	150000.00	5152.00	154560.00	150000.00	M/s Awadhesh Construction
7.00	Add for using extra cement in the items of design mix over and above the specified cement content therein.	10.00	Quintal	0.00	600.00	6000.00	3000.00	30000.00	6000.00	M/s Awadhesh Construction
8.00	Brick work with non modular fly ash bricks conforming to IS:12894, class designation 7.5 average compressive strength in super structure above plinth level up to floor V level in : (a) Cement mortar 1:6 (1 cement : 6 Coarse sand)	12.00	CUM	0.00	4200.00	50400.00	3132.00	37584.00	37584.00	MD RIYAJUDDIN
9.00	Half brick masonry with non modular fly ash bricks of class designation 7.5, conforming to IS : 12894, in super structure above plinth and upto floor V level. a) Cement mortar 1 : 4 (1 cement : 4 coarse sand)	11.00	Sqm	0.00	600.00	6600.00	666.00	7326.00	6600.00	M/s Awadhesh Construction
10.00	Centering and shuttering including strutting, propping etc. and removal of form for a) Foundations, footings, bases of columns, etc. for mass concrete	50.00	Sqm	0.00	200.00	10000.00	143.00	7150.00	7150.00	MD RIYAJUDDIN
11.00	b) Suspended floors, roofs, landings, balconies and access platform. with water proof ply 12 mm thick	140.00	Sqm	0.00	325.00	45500.00	200.00	28000.00	28000.00	MD RIYAJUDDIN
12.00	c) Lintels, beams, plinth beams, girders, bressumers and cantilevers	60.00	Sqm	0.00	350.00	21000.00	212.00	12720.00	12720.00	MD RIYAJUDDIN
13.00	d) Columns, Pillars, Piers, Abutments, Posts and Struts	120.00	Sqm	0.00	300.00	36000.00	199.00	23880.00	23880.00	MD RIYAJUDDIN
14.00	e) Edges of slabs and breaks in floors and walls - Under 20 cm wide	150.00	Mtr	0.00	100.00	15000.00	91.00	13650.00	13650.00	MD RIYAJUDDIN
15.00	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level a) Thermo-Mechanically Treated bars of grade Fe-500D or more.	850.00	Kg	0.00	85.00	72250.00	77.00	65450.00	65450.00	MD RIYAJUDDIN
16.00	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete above plinth level. a) Thermo-Mechanically Treated bars of grade Fe-500D or more	3260.00	Kg	0.00	88.00	286880.00	71.00	231460.00	231460.00	MD RIYAJUDDIN
17.00	Providing and fixing ISI marked aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete. a)100x63x3.2 mm	15.00	Each	0.00	125.00	1875.00	175.00	2625.00	1875.00	M/s Awadhesh Construction
18.00	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : a) 250x16 mm	5.00	Each	0.00	175.00	875.00	500.00	2500.00	875.00	M/s Awadhesh Construction
19.00	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : a) 150x10 mm	5.00	Each	0.00	145.00	725.00	107.00	535.00	535.00	MD RIYAJUDDIN
20.00	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : a) 100 mm	10.00	Each	0.00	250.00	2500.00	225.00	2250.00	2250.00	MD RIYAJUDDIN
21.00	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. a) Twin rubber stopper	5.00	Each	0.00	60.00	300.00	103.00	515.00	300.00	M/s Awadhesh Construction
22.00	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. a) In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	3810.00	Kg	0.00	125.00	476250.00	90.00	342900.00	342900.00	MD RIYAJUDDIN
23.00	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. a) M.S. tube	200.00	Kg	0.00	130.00	26000.00	109.00	21800.00	21800.00	MD RIYAJUDDIN

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24.00	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. a) 40 mm thick with 20 mm nominal size stone aggregate	80.00	Sqm	0.00	300.00	24000.00	525.00	42000.00	24000.00	M/s Awadhes Construction
25.00	12 mm cement plaster of mix : a) 1:6 (1 cement : 6 fine sand)	250.00	Sqm	0.00	180.00	45000.00	171.00	42750.00	42750.00	MD RIYAJUDDIN
26.00	15 mm cement plaster on the rough side of single or half brick wall of mix : a) 1:6 (1 cement : 6 fine sand)	80.00	Sqm	0.00	205.00	16400.00	181.00	14480.00	14480.00	MD RIYAJUDDIN
27.00	6 mm cement plaster of mix : a) 1:3 (1 cement : 3 fine sand)	160.00	Sqm	0.00	215.00	34400.00	131.00	20960.00	20960.00	MD RIYAJUDDIN
28.00	Finishing walls with Acrylic Smooth exterior paint of required shade : a) New work (Two or more coats applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	80.00	Sqm	0.00	105.00	8400.00	77.00	6160.00	6160.00	MD RIYAJUDDIN
29.00	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : a) Two or more coats on new work	410.00	Sqm	0.00	110.00	45100.00	50.00	20500.00	20500.00	MD RIYAJUDDIN
30.00	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : a) Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	150.00	Sqm	0.00	100.00	15000.00	91.00	13650.00	13650.00	MD RIYAJUDDIN
31.00	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	410.00	Sqm	0.00	90.00	36900.00	45.00	18450.00	18450.00	MD RIYAJUDDIN
32.00	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 cloat 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 a) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	70.00	Kg	0.00	600.00	42000.00	399.00	27930.00	27930.00	MD RIYAJUDDIN
33.00	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) b) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	70.00	Kg	0.00	600.00	42000.00	399.00	27930.00	27930.00	MD RIYAJUDDIN
34.00	Providing and fixing 12 mm thick prelaminate particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge a) Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	3.00	Sqm	0.00	1600.00	4800.00	1500.00	4500.00	4500.00	MD RIYAJUDDIN
35.00	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) a) With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	20.00	Sqm	0.00	950.00	19000.00	1150.00	23000.00	19000.00	M/s Awadhes Construction

Total in Figures

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Lowest Amount Quoted BY: MD RIYAJUDDIN(1632179.00)

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