

Government eProcurement System
Created By: Mayank Jain
Created Date/Time: 01-May-2025 01:25 PM
Tender Title: Construction of New Operational Boundary wall and perimeter Road to provide access to Existing Administrative block from city side and Link road to Fire Plt at MVI Airport Ayodhya
Tender ID: 2025_AAL_230461_1

Tender Inviting Authority: Sr. Manager

Name of Work: Construction of New Operational Boundary wall and perimeter Road to provide access to Existing Administrative block from

Contract No: 2025_AAL_230461_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No. of Qty	Units	Estimated Rate	SHIVAM ELECTRICALS AND CONSTRUCTION WORKS (GSTN-09A1TPM1036H121) BID ID -840601		SANSKAR CONSTRUCTION COMPANY (GSTN-NA) BID ID -840613		BIMAL TECHNOCRATS (GSTN-NA) BID ID -841781		JASORIA BUILDERS (GSTN-NA) BID ID -841499	
					Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
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 for all lift, as directed by Engineer-in-charge.	1147.00	cum	1.00	140.00	160580.00	140.00	160580.00	83.00	72261.00	80.00	68820.00
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.	812.00	cum	1.00	160.00	146160.00	155.00	125360.00	106.00	86072.00	50.00	40600.00
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 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	172.00	cum	1.00	5300.00	911600.00	4850.00	834200.00	4170.00	717240.00	4800.00	825600.00
4.00	Centering and shuttering including strutting, propping etc. and removal of form for all heights. Foundations, footings, bases of columns, etc. for mass concrete	476.00	Sqm	1.00	280.00	133280.00	280.00	133280.00	330.00	157080.00	250.00	119000.00
5.00	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Columns, Pillars, Piers, Abutments, Posts and Struts	1147.00	Sqm	1.00	410.00	470270.00	650.00	745550.00	330.00	378510.00	400.00	458800.00
6.00	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Lintels, beams, plinth beams, girders, bressumers and cantilevers.	1259.00	Sqm	1.00	390.00	49010.00	535.00	673585.00	330.00	415470.00	375.00	472125.00
7.00	Centering and shuttering including strutting, propping etc. and removal of form for all heights. Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	196.00	Sqm	1.00	610.00	119560.00	640.00	125440.00	370.00	72520.00	390.00	76440.00

L1 Amount	L1 Vendor
68820.00	JASORIA BUILDERS
40600.00	JASORIA BUILDERS
717240.00	BIMAL TECHNOCRATS
119000.00	JASORIA BUILDERS
378510.00	BIMAL TECHNOCRATS
415470.00	BIMAL TECHNOCRATS
72520.00	BIMAL TECHNOCRATS

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8.00	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. All works upto plinth level. Note - 1. Cement content considered in this item is @ 330 kg/cum. "Excess" less cement used as per design mix is payable/recoverable separately as per Note 2. 2. Mix Design shall be provided by AAI. The trial mix of mix design to be carried out at site. In case of any deviation, Modified Design Mix to be provided by agency duly vetted by IT/INIT. Nothing extra shall be paid on account of this. However, If the actual quantity of cement required as per modified laboratory mix design varies from the quantity assumed above, necessary cost adjustment for deviation in the quantity of cement as per mix design, if any, shall be done as per the rate of cement in actual supply voucher (excluding GST) from manufacturer/authorized dealer at the time of execution. In the case of authorized distributor the rate may be authenticated by the manufacturer.	280.00	Cum	1.00	7000.00	1960000.00	6450.00	1960000.00	6010.00	1682800.00	6800.00	1904000.00
9.00	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. All works above plinth level upto floor 'V' level. (Note 1. Cement content considered in this item is @ 330 kg/cum. "Excess" less cement used as per design mix is payable/recoverable separately as per Note 2. 2. Mix Design shall be provided by AAI. The trial mix of mix design to be carried out at site. In case of any deviation, Modified Design Mix to be provided by agency duly vetted by IT/INIT. Nothing extra shall be paid on account of this. However, If the actual quantity of cement required as per modified laboratory mix design varies from the quantity assumed above, necessary cost adjustment for deviation in the quantity of cement as per mix design, if any, shall be done as per the rate of cement in actual supply voucher (excluding GST) from manufacturer/authorized dealer at the time of execution. In the case of authorized distributor the rate may be authenticated by the manufacturer.	84.00	Cum	1.00	7500.00	630000.00	6800.00	571200.00	6110.00	513240.00	6800.00	571200.00

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10.00	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.	34984.00	Kg	1.00	70.00	2448880.00	80.00	2798720.00	70.00	2448880.00	72.00	2518848.00
11.00	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-500 D or more.	10485.00	Kg	1.00	70.00	734650.00	80.00	839600.00	70.00	734650.00	72.00	755640.00
12.00	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)	280.00	Cum	1.00	5000.00	1400000.00	5250.00	1470000.00	4700.00	1316000.00	5000.00	1400000.00
13.00	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)	181.00	Cum	1.00	5500.00	995500.00	5950.00	1078950.00	4700.00	850700.00	5200.00	941200.00
14.00	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.	3075.00	Kg	1.00	100.00	307500.00	98.00	301350.00	75.00	230625.00	90.00	278750.00
15.00	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	1466.00	Sqm	1.00	190.00	278540.00	160.00	263880.00	170.00	249220.00	190.00	278540.00
16.00	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	1466.00	Sqm	1.00	210.00	307860.00	160.00	234560.00	160.00	234560.00	220.00	322520.00
17.00	6 mm cement plaster of mix : 1:3 (1 cement: 3 fine sand)	1526.00	Sqm	1.00	180.00	274680.00	190.00	289940.00	150.00	228900.00	170.00	259420.00
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 @ 0.90 ltr/10 sqm)	4382.00	Sqm	1.00	110.00	482020.00	120.00	525840.00	145.00	635390.00	120.00	525840.00
19.00	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade. Two or more coats on new work	104.00	Sqm	1.00	160.00	16640.00	135.00	14040.00	150.00	15600.00	120.00	12480.00
20.00	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 2.4 m 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)	1041.00	Metre	1.00	280.00	291480.00	318.47	331527.27	750.00	780750.00	250.00	260250.00

2448880.00	SHIVAM ELECTRICALS AND CONSTRUCTION WORKS, BIMAL TECHNOCRATS
734650.00	SHIVAM ELECTRICALS AND CONSTRUCTION WORKS, BIMAL TECHNOCRATS
1316000.00	BIMAL TECHNOCRATS
850700.00	BIMAL TECHNOCRATS
230625.00	BIMAL TECHNOCRATS
249220.00	BIMAL TECHNOCRATS
234560.00	SANSKAR CONSTRUCTION COMPANY, BIMAL TECHNOCRATS
228900.00	BIMAL TECHNOCRATS
482020.00	SHIVAM ELECTRICALS AND CONSTRUCTION WORKS
12480.00	JASORIA BUILDERS
260250.00	JASORIA BUILDERS

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21.00	Steel work welded in bulk up sections/ framed work, including cutting, bolting, fitting 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	6000.00	Kg	1.00	98.00	588000.00	120.00	720000.00	72.17	432990.00	105.00	630000.00
22.00	Extra for lead/camriage beyond initial lead as per basic item for disposal of excavated Earth by mechanical means to a location within airport premises or as approved by Engineer-in-charge for each km and part thereof.	10278.00	cum	1.00	32.00	328896.00	105.00	1079190.00	125.00	1284750.00	70.00	719460.00
23.00	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	1.00	cum	1.00	3000.00	3000.00	3009.00	3009.00	750.00	750.00	2500.00	2500.00
24.00	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.	5.00	cum	1.00	2060.00	10300.00	1742.93	8714.65	509.40	2547.00	1500.00	7500.00
25.00	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in- charge. (a) Nominal concrete 1:3:6 or richer mix (including equivalent design mix)	10.00	cum	1.00	2000.00	20000.00	2063.00	20630.00	849.00	8490.00	1600.00	16000.00
26.00	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in- charge. (b) Nominal concrete 1:4:8 or leaner mix (including equivalent design mix)	5.00	cum	1.00	1503.60	7518.00	1273.72	6368.60	849.00	4245.00	1000.00	5000.00
27.00	Dismantling barbed/Concertina wire(PBT/RBT) in fencing including making rolls and stacking within 50 metres lead.	16.00	Kg	1.00	36.80	588.80	31.19	499.04	20.00	320.00	15.00	240.00
28.00	Removing and refixing of concertina coil & RBT/barbed wire on pre cast boundary wall as per direction and satisfaction of EIC. (Note -Damaged coil during removing/refixing to be replaced at the cost of Agency.Measurement will be considered - Removing & refixing as one unit and based on span of removed Coil only.)	100.00	Metre	1.00	160.00	16000.00	3.80	380.00	35.00	3500.00	10.00	1000.00
29.00	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in: a)Channels, angles, tees and flats	125.00	Kg	1.00	2.30	287.50	1.95	243.75	20.00	2500.00	1.50	187.50
30.00	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.	21.00	cum	1.00	263.95	5542.95	418.94	8797.74	125.00	2625.00	135.00	2835.00
31.00	Painting AAI logo of size 450 x 750mm (logo shall be painted in blue colour as per drawing) on AAI perimeter boundary wall with synthetic enamel paint of approved brand of required colour to give an even shade using cutting stencil of acrylic sheet/SS sheet ,all complete as per satisfaction and direction of Engg-in-charge. Note - After completion of work one stencil of acrylic sheet of 12mm thick or Stainless steel of 02 mm thick in good condition to be submitted to AAI and nothing will be paid extra on this account.	45.00	Each	1.00	2200.00	99000.00	850.00	38250.00	1050.00	47250.00	150.00	6750.00

432990.00	BIMAL TECHNOCRATS
328896.00	SHIVAM ELECTRICALS AND CONSTRUCTION WORKS
750.00	BIMAL TECHNOCRATS
2547.00	BIMAL TECHNOCRATS
8490.00	BIMAL TECHNOCRATS
4245.00	BIMAL TECHNOCRATS
240.00	JASORIA BUILDERS
380.00	SANSKAR CONSTRUCTION COMPANY
187.50	JASORIA BUILDERS
2625.00	BIMAL TECHNOCRATS
6750.00	JASORIA BUILDERS

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32.00	Fabrication and manufacturing of solid precast concrete elements with provisions of shear keys, connecting loops, dowel tubes and proper lifting accessories for walls, beams, slabs, stairs, column etc. of various thickness, shape and size of different concrete grades manufactured in controlled factory environment with approved methodology including moulds (Pallet system, Tilt form, table moulds, battery moulds, vertical moulds, beam moulds, column moulds, staircase moulds, Facade mould etc.), mixing, transporting and placing of concrete, vibrating, curing, finishing, making necessary cutouts/holes of required sizes for services, yard handling & stacking complete as per IS 11447:1985 and as per approved shop drawings and design mix as per the direction of Engineer-in-Charge (Cost of reinforcement, Mechanical, Electrical and Plumbing inserts will be paid separately). a) Concrete grade M-35 (Cement content 370 kgs)	3.00	Cum	1.00	15000.00	45000.00	17736.18	53208.54	6367.50	19102.50	16500.00	49500.00
33.00	Providing & laying in position Prestressing steel strands (low relaxation) on hollow core bed by using mechanical pulling arrangement like Rabbit Bed master including all accessories for stressing & destressing operations as per approved make conforming to IS 1343 & grade FY-1860 etc. complete as per drawings and direction of Engineer-in-charge.	60.00	Kg	1.00	192.35	11541.00	192.35	11541.00	80.66	4839.30	135.00	8100.00
34.00	Transportation of Precast Elements by flat bed Trailer (Double / Triple axle 40ft Length with proper accessories like a frame etc) from factory, including the cost of loading, unloading & stacking at site with the help of required capacity cranes. a) Lead within 15km	115.00	MT	1.00	540.85	62197.75	540.85	62197.75	1250.00	143750.00	350.00	40250.00
35.00	Add/Deduct over item 34 for every additional lead of 5 km and part thereof.	115.00	MT	1.00	117.30	13489.50	117.30	13489.50	350.00	40250.00	75.00	8625.00
36.00	Erection & Installation of Precast/Prestressed Concrete elements in correct & final position with proper line level and plumb at site making all arrangements (i.e. cranes, push-pull jacks & all another T & P. for lifting Placing & Alignment of elements within erection tolerance as per IS 15916 as per approved shop drawings and all complete as per the direction of Engineer-in-Charge but excluding the cost of simpads, non shrink grout and steel works i.e. hangers. All work up to fifth floor. a) Solid concrete wall elements	3.00	Cum	1.00	2200.00	6600.00	2720.30	8160.90	7768.35	23305.05	2000.00	6000.00
37.00	Removing/Erection & Installation of Precast/Prestressed Concrete elements in correct & final position with proper line level and plumb at site making all arrangements (i.e. cranes, push-pull jacks & all another T & P. for lifting Placing & Alignment of elements within erection tolerance all complete as per the direction of Engineer-in-Charge but excluding the cost of simpads, non shrink grout and steel works i.e. hangers. All work up to fifth floor. a) Solid concrete wall elements (Note - Removing or Erection will be considered as one Unit & rejected elements to be shifted to AAI store within Airport premises.)	100.00	Each	1.00	700.00	70000.00	450.00	45000.00	773.00	77300.00	350.00	35000.00

19102.50	BIMAL TECHNOCRATS
4839.30	BIMAL TECHNOCRATS
40250.00	JASORIA BUILDERS
8625.00	JASORIA BUILDERS
6000.00	JASORIA BUILDERS
35000.00	JASORIA BUILDERS

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38.00	Providing and erecting 2.0 metre high temporary barricading at site, each panel of size 2.50x2.0m 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 5cm above the ground is available making overall height as 2.05m. MS channel (SLC 75 @ 5.70 kpm, 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. Work will also include the Concertina coil fencing 600 mm dia above the barricading over U shaped angle iron Post of Height 45 cm & provision of openable gates. In barricading as and where required. 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).	15.00	Metre	1.00	3439.50	51592.50	3439.50	51592.50	424.50	6367.50	2750.00	41250.00
39.00	Excavation for road work/Apron/Taxi in all kind of Soil (except rock) with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slope, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment locations within airport premises i/c all lifts and lead upto 1 km. (Note -Cleaning and grubbing of site is included in the item)	2980.00	Cum	1.00	130.00	367400.00	134.00	399320.00	63.67	199751.50	90.00	268200.00
40.00	Consolidation of Sub-Grade with road roller of 8 to 12 tonne capacity including making good the undulation etc. with earth or quarry spoils etc. and re-rolling the sub-grade till complete as per satisfaction of EIC.	6280.00	Sqm	1.00	60.00	376800.00	154.00	967120.00	33.96	213268.80	50.00	314000.00
41.00	Construction of embankment with approved materials deposited at site from roadway cutting and excavation from drain and foundation of other structures, graded and compacted under optimum moisture conditions to give at least 95% of the dry density (proctor density). (Note-Item includes the transportation cost for shifting of Earth from embankment locations within Airport premises as required Design of dry density at OMC is inclusive with this item.)	1176.00	Cum	1.00	55.00	64680.00	110.00	129360.00	128.00	159528.00	90.00	105840.00

6367.50	BIMAL TECHNOCR ATS
199751.50	BIMAL TECHNOCR ATS
213268.80	BIMAL TECHNOCR ATS
64680.00	SHIVAM ELECTRICALS AND CONSTRUCTION WORKS

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42.00	Construction of granular sub-base by providing done graded Material (crushed aggregate) conforming to specifications, mixing in a mechanical mix plant at OMC, cartage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. With material conforming to Grade-II (size range 53 mm to 0.075 mm) having CBR Value-25. (Note -Cost of Design Mix and dry density at OMC is included in this item)	882.00	Cum	1.00	3100.00	2734200.00	2050.00	1808100.00	2290.00	2019780.00	2600.00	2293200.00
43.00	Providing, laying, spreading and compacting graded crushed stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in mechanical mix plant, cartage of mixed material by tipper to site, for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. (Note -Cost of Design Mix and dry density at OMC is included in this item)	757.00	Cum	1.00	3000.00	2271000.00	2160.00	1627550.00	2310.00	1748670.00	2750.00	2081750.00
44.00	Construction of dry lean cement concrete sub base over a prepared sub-grade with coarse and fine aggregate conforming to IS-383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per specifications, cement content not to be less than 150 Kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, for all leads & lifts, laid with a mechanical paver, compacting with 8-10 tonne vibratory roller, finishing and curing etc, complete as per direction of Engineer-in-Charge. Note - (i) Cost of Mix design is included in this item ii) For the purpose of tendering, the quantity of cement used for one Cum. of finished concrete may be assumed as 150 Kg. If the actual quantity of cement required as per laboratory mix design varies from the quantity assumed above, necessary cost adjustment for deviation in the quantity of cement as per mix design, if any, shall be done as per the rate of cement in actual supply voucher (excluding GST) from manufacturer/authorized dealer at the time of execution. In the case of authorized distributor the rate may be authenticated by the manufacturer.	588.00	Cum	1.00	3100.00	1622800.00	3050.00	1793400.00	3180.00	1969840.00	4800.00	2822400.00

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1627550.00	SANSKAR CONSTRUC TION COMPANY
1793400.00	SANSKAR CONSTRUC TION COMPANY

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45.00	Providing and laying Pavement Quality Concrete (PQC) produced in a batching and mixing plant/Mobile Concrete Mixer (Ajax or equivalent) having a Characteristic flexural strength i.e. flexural strength of 4.1 MPa at 28 days using Ordinary Portland cement of 43/53 grade/PPC grade conforming as per relevant IS codes, to be mixed at site with 0.5% Super plasticizer by mass of cementitious material, fine aggregate, graded stone aggregates of 40 mm nominal size in appropriate proportion as per specification and job mix formula, laid in panels as per drawings/design as approved by the Engineer-in-Charge using Slip Form Paver or Fixed form paver / Screed including anti-friction layer, joint filler board, making necessary provision for expansion, dummy and construction joint including filling with Polysulphide sealant of approved make, curing and making profile, complete as per direction of Engineer-in-Charge and specifications. The item for execution shall include all operations making pavement for intended use but not limited to following: (i) Polyethylene sheet (White in color) of thickness 400 micron conforming to IS-2508 with 6mm thick fine sand layer. (Inclusive) (ii) Providing and laying in position for expansion joint, 25mm thick pre-cut Synthetic joint filler board of approved make conforming to IS-1638(part 3)-2011, 45 mm from top (to be removed at the time of filling of Polysulphide sealant). To be paid separately. (iii) Mechanically cutting dummy joints 3mm wide x 1/3rd thickness of slab which is subsequently widened to 10mm for the top 25mm depth and construction joints 10mm wide x 25mm deep as per specification. (Inclusive) (iv) Providing and laying in position Polysulphide sealant of approved make conforming to BS-5212-1990 or IS-11433-1995 in expansion/construction / dummy joints including rounding off edges, applying 2 coats of approved primer compatible with the brand of Polysulphide and preparing the surface and applying masking tape along the edge of joint to prevent accidental spillage of sealant on top surface and to prevent joints from being sealed and damaged by the traffic.	1176.00	Cum		7500.00	8820000.00	7250.00	8526000.00	6392.00	7516992.00	7200.00	8467200.00
46.00	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete 300mm dia. R.C.C. pipe	48.00	mt	1.00	700.00	33600.00	1560.00	74880.00	450.00	21600.00	1000.00	48006.00
47.00	Painting runway/taxi track/apron/perimeter road marking with adequate nos of coats to give uniform finish with road marking paint of superior make conforming to IS-164 and as approved by the Engineer-in-charge, i/c cleaning the surface of all dirt, scales, oil, grease and other foreign material etc. and lining out complete. New work (Two or more coats)	322.00	Sqm	1.00	188.20	60600.40	180.00	57960.00	178.29	57409.38	130.00	41860.00
48.00	Supplying and stacking of good earth at site including royalty and carriage from outside of AAJ premises all complete using Hydraulic Excavator. (Earth measured in stacks will be reduced by 20% for payment).	100.00	Cum	1.00	610.00	61000.00	554.00	55400.00	594.30	59430.00	250.00	25000.00
49.00	Providing and laying in position for expansion joint, 25mm thick pre-cut Synthetic joint filler board of approved make conforming to IS-1638 (Part-3)-2011, 45mm from top (to be removed at the time of filling of Polysulphide sealant), complete as per particular specifications and direction of Engineer-in-Charge. (Note:- Mode of measurement shall be length of joint multiplied by depth of filler board including precut portion).	30.00	sqm	1.00	5.30	159.00	120.00	3600.00	976.35	29290.50	50.00	1500.00

7516992.00	BIMAL TECHNOCR ATS
21600.00	BIMAL TECHNOCR ATS
41860.00	JASORIA BUILDERS
25000.00	JASORIA BUILDERS
159.00	SHVAM ELECTRICALS AND CONSTRUCTION WORKS

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50.00	Providing and laying in position Polysulphide sealant of approved make conforming to BS-5212-1990 or IS-11433-1995, in expansion joint including rounding off edges, applying 2 coats of approved primer compatible with the brand of Polysulphide and preparing the surface and applying masking tape along the edge of joint to prevent accidental spillage of sealant on top surface and to give neat finish to the sealant and removing the masking tape after application of sealant etc. complete as per direction of Engineer-in-Charge & particular specifications. a) Expansion joints of size 25mm wide and 10mm deep over 30mm dia closed -cell Polyethylene foam backup-rod, as per manufacturer's specifications and sketch at Appendix'A'. (Note - For purpose of payment, quantity (Length x Width x Depth) of Polysulphide sealant only will be measured.)	37500.00	cum	1.00	15.00	562500.00	45.00	1687500.00	1.00	37500.00	.50	18750.00
51.00	Providing of Auto level of approved make (Model-NA324-Leica/model-B40 A-Sokkia/Model-ATB4A-topcon) or Equivalent complying the following specifications -objective aperture- min 32 mm, magnification -24X, accuracy(standard deviation for 1 km double leveling (ISO 17123-2) -max 2.0 mm, setting accuracy(SD) max 0.5", working range+15", water resistance-4PX6(IEC60528:2001), operating Temperature -200 to 400 with calibration certificate as per manufacturer terms and conditions along with one Tripod with fast clamps of make leica or equivalent and Two nos Aluminium Telescopic Level staff of 5M of Leica make or equivalent all complete as per satisfaction of EIC.	1.00	One Job	1.00	8000.00	8000.00	35000.00	35000.00	40000.00	40000.00	25000.00	25000.00
52.00	Providing of 3 meter in length anodised Aluminium Straight Edge with Wedge i/c calibration certificate all complete as per satisfaction of EIC.	1.00	One Job	1.00	5000.00	5000.00	11000.00	11000.00	4245.00	4245.00	5000.00	5000.00
53.00	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, complete all as per direction of Engineer-in-Charge. a) 80 mm thick C.C. paver block of M-35 grade with approved colour design and pattern.	390.00	Sqm	1.00	850.00	331500.00	880.00	343200.00	435.00	169650.00	900.00	351000.00
54.00	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing all complete.	9.00	Cum	1.00	1600.00	14400.00	774.00	6966.00	1050.00	9450.00	500.00	4500.00
55.00	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/sgl joined with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete. a) 1000 mm dia RCC pipes. (Laying by manual/mechanical means)	13.00	Metre	1.00	6656.55	86535.15	2650.00	34450.00	1900.00	24700.00	5500.00	71500.00

18750.00	JASORIA BUILDERS
8000.00	SHIVAM ELECTRICALS AND CONSTRUCTION WORKS
4245.00	BIMAL TECHNOCRATS
169650.00	BIMAL TECHNOCRATS
4500.00	JASORIA BUILDERS
24700.00	BIMAL TECHNOCRATS

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56.00	Providing Engineering Consultancy services for a.) Construction of RCC Operational boundary wall as per AAI specifications and T1 105 R. (Sample drawing for Tender purpose is enclosed in Tender document) Note-Consultant to provide all details w/ structural design/drawing, architectural drawing and Bar bending Schedule etc. wherever necessary. The bearing capacity of soil is to be calculated i/c soil testing (minimum three locations) at site and at desired depth (upto 4 mts) as per the instructions of EIC. All design calculations/drawings are to be vetted by NIT/IT and soft copies i/c autocad drawings & stsdoro input and output data. During execution any other drawings related to above specified works essential for successful execution of works etc all complete as per satisfaction of EIC. Nothing Extra will be paid on account of visit of Consultant and his supervision work as and when required. Soil test report should be submitted in proforma as approved by EIC.	1.00	Job	1.00	170000.00	170000.00	95000.00	95000.00	65000.00	65000.00	250000.00	250000.00
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65000.00	BIMAL TECHNOCR ATS
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Total in Figures

31709938.55

33109161.24

28152454.53

30862970.50

Lowest Amount Quoted BY: BIMAL TECHNOCRATS(28152454.53)

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