

Government eProcurement System
Created By: Shailesh Singh
Created Date/Time: 11-May-2023 05:32 PM
Tender Title: Construction of Apron, Taxi Track and associated works at Fursatganj Airport
Tender ID: 2023_AAI_151258_1

Tender Inviting Authority: Sr. Manager (Engg.-Civil), Airports Authority of India, Fursatganj Airport , Uttar Pradesh-229302

Name of Work: Development of Fursatganj Airport at Uttar Pradesh for RCS Operations. SH: Construction of Apron, Taxi Track and assoc

Tender ID: 2023_AAI_151258_1

SCHEDULE OF WORK / ITEM(S)								
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	ASHUTOSH INFRAPROJECTS PVT LTD/(GSTN-		JASORIA BUILDERS(GSTN-NA)	
					Rate	Amount	Rate	Amount
1.00	Earthwork in excavation in all kinds of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections and transporting to embankment location with all lifts and leads within airport premises as per satisfaction and direction of Engineer-In-Charge.	16100.00	Cum	10.00	93.00	1497300.00	50.00	805000.00
2.00	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.	380.00	Cum	10.00	93.00	35340.00	162.00	61560.00
3.00	Earth work in excavation 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 soil as directed, within a lead of 50m. All kinds of soil.	50.00	Cum	10.00	93.00	4650.00	175.00	8750.00
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	165.00	Cum	10.00	49.00	8085.00	75.00	12375.00
5.00	Filling available excavated earth in depressions, low lying area in layers not exceeding 20cm in depth, spreading and consolidating each deposited layer by watering and ramming with 0.5 tonne roller and every 3rd & topmost layer with 8-10 tonne vibratory roller, with all leads and lifts involved, complete as per directions of Engineer-in-Charge.	16100.00	Cum	10.00	102.00	1642200.00	55.00	885500.00
6.00	Dismantling of flexible pavement (bituminous courses) by mechanical means and disposal of dismantled material at specified location within Airport premises, as per direction of Engineer-in-charge.	45.00	Cum	10.00	1499.00	67455.00	275.00	12375.00
7.00	Dismantling manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material at specified location within Airport premises as per direction of Engineer-in-charge: Water Bound Macadam (WBM) / Wet Mix Macadam (WMM) Road.	450.00	Sqm	10.00	49.00	22050.00	105.00	47250.00
8.00	Consolidation of sub grade with power road roller of 8 to 12 tonne capacity including making good the undulations etc. with earth or quarry spoils etc. and re-rolling the sub grade and disposal of surplus earth at specified location within Airport premises as per directions of Engineer-in- Charge.	14300.00	Sqm	10.00	14.50	207350.00	4.50	64350.00
9.00	Supplying and filling moorum/suitable earth (Excluding Rock), obtained from approved quarry outside the Airport premises, in embankment or depressions in layers not exceeding 20cm (loose) in depth (or any thickness as approved by the Engineer-in-Charge in case vibratory roller / soil compactor is used) including breaking clods, watering, consolidating each layer with power road roller 8-10 tonnes weight or vibratory roller / soil compactor of adequate capacity under optimum moisture content condition to give at least 98% of the maximum laboratory dry density (modified proctor density) as per IS code 2720 (part VIII) complete including leveling fine dressing to the required grade, camber and slope complete as per MORTH specifications and as directed by the Engineer-in-Charge with all leads and lifts (The item includes cost of work, payment of necessary royalty, carriage of moorum / suitable earth upto work site for all leads and lifts involved from all sources acquired or arranged by the Contractor. Payment to be made for compacted quantity only).	7300.00	Cum	10.00	195.00	1423500.00	220.00	1606000.00
10.00	Preparation of granular sub-base by providing close graded material, conforming to specifications mixing in a mechanical mix plant at OMC, carriage of mixed material by mechanical transport to work site, for all leads and lifts, spreading in uniform layers of specified thickness with mechanical means including neatly leveling & dressing on prepared surface and compacting with vibratory power roller to achieve the desired density, complete and as per direction of Engineer-in-charge. With material conforming to Grade-II (size range 53 mm to 0.075 mm)	2180.00	Cum	10.00	2499.00	5447820.00	2650.00	5777000.00

L1 Amount	L1 Vendor
805000.00	JASORIA BUILDERS
35340.00	ASHUTOSH INFRAPROJECTS PVT LTD
4650.00	ASHUTOSH INFRAPROJECTS PVT LTD
8085.00	ASHUTOSH INFRAPROJECTS PVT LTD
885500.00	JASORIA BUILDERS
12375.00	JASORIA BUILDERS
22050.00	ASHUTOSH INFRAPROJECTS PVT LTD
64350.00	JASORIA BUILDERS
1423500.00	ASHUTOSH INFRAPROJECTS PVT LTD
5447820.00	ASHUTOSH INFRAPROJECTS PVT LTD

11.00	Providing, laying, spreading and compacting graded 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, carriage of mixed material by mechanical transport to site, for all leads and 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.	1700.00	Cum	10.00	3479.00	5914300.00	2900.00	4930000.00
12.00	Providing and laying dry lean cement concrete with coarse and fine aggregate conforming to IS:383, the size of coarse aggregate not exceeding 26.5 mm, aggregate cement ratio not exceed 15:1, aggregate gradation after blending to be as per specification, 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 as per mix design, transported to site, for all leads & lifts, laid with a paver with electronic sensor, compacting with 8-10 tonne vibratory roller, finishing and curing etc complete as per specification and direction of the Engineer-in-Charge.	1460.00	Cum	10.00	4900.00	7154000.00	5100.00	7446000.00
13.00	Providing and laying Pavement Quality Concrete (PQC) produced in a batching and mixing plant having a Characteristic flexural strength i.e. flexural strength of 4.1 MPa at 28 days using Ordinary Portland cement of 43/53 grade or Portland Pozzolana Cement or Portland Slag cement 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 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:							
13.01	(i) Polyethylene sheet (White in color) of thickness 400 micron conforming to IS: 2508 with 6mm thick fine sand layer. (ii) Providing and laying in position for expansion joint, 25mm thick pre-cut Synthetic joint filler board of approved make conforming to IS:1838(part 3)-2011, 45 mm from top (to be removed at the time of filling of Polysulphide sealant). (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. (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 give neat finish to the sealant and removing the masking tape after application of sealant etc. as per the details below: (a) Expansion Joints of size 25 mm wide and 10 mm deep over 30mm dia expanded closed-cell Polyethylene foam back-up/backer rod of minimum density 22 Kg/Cum, as per manufacturer's specifications and sketch at Appendix-'A-2'. (b) Construction Joints of size 10 mm wide and 10 mm deep over 12mm dia expanded closed-cell Polyethylene foam back-up/backer rod of minimum density 22 Kg/Cum, as per manufacturer's specifications and sketch at Appendix-'A-2'. (c) Dummy Joints of size 10 mm wide and 10 mm deep over 12 mm dia expanded closed-cell Polyethylene foam back-up/backer rod of minimum density 22 Kg/Cum, as per manufacturer's specifications and sketch at Appendix-'A-2'. (v) Making profile as per DGCA CAR, panel drawing showing dummy, construction, expansion joints location. Note: (i) Areas inaccessible to paving equipment shall be constructed by manual/hand guided method. Areas in which manual/hand guided methods of construction become indispensable shall be got approved by the Engineer-in-Charge in writing in advance. (ii) The quantity of cement, fine of cement and super	3500.00	Cum	10.00	7949.00	27821500.00	7600.00	26600000.00
14.00	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): 10 graded stone aggregate 40 mm nominal size)	15.00	Cum	10.00	4999.00	74985.00	4800.00	72000.00
15.00	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)	40.00	Cum	10.00	5199.00	207960.00	5100.00	204000.00

4930000.00	JASORIA BUILDERS
7154000.00	ASHUTOSH INFRAPROJECTS PVT LTD

26600000.00	JASORIA BUILDERS
72000.00	JASORIA BUILDERS
204000.00	JASORIA BUILDERS

16.00	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)	10.00	Cum	10.00	6499.00	64990.00	6500.00	65000.00
17.00	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	10.00	Cum	10.00	7749.00	77490.00	7200.00	72000.00
18.00	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. 60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.	200.00	Sqm	10.00	1549.00	309800.00	800.00	160000.00
19.00	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).	15.00	Cum	10.00	6499.00	97485.00	5500.00	82500.00
20.00	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. 40mm thick with 20mm nominal size stone aggregate.	40.00	Sqm	10.00	159.00	6360.00	465.00	18600.00
21.00	15 mm cement plaster 1:3 (1 Cement : 3 Coarse Sand) finished with a floating coat of neat cement on the rough side of single or half brick wall	40.00	Sqm	10.00	229.00	9160.00	275.00	11000.00
22.00	12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand)	40.00	Sqm	10.00	209.00	8360.00	225.00	9000.00
23.00	Providing, hoisting and fixing up to floor five level precast reinforced cement concrete in small lintels not exceeding 1.5m clear span up to floor five level, including the cost of required centering, shuttering but , excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	1.50	Cum	10.00	7749.00	11623.50	11200.00	16800.00
24.00	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: 250 mm dia. R.C.C. pipe	40.00	Mtr	10.00	1049.00	41960.00	650.00	26000.00
25.00	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete. 450 mm dia RCC pipes.	40.00	Mtr	10.00	1549.00	61960.00	2000.00	80000.00
26.00	Centering and shuttering including strutting, propping etc. and removal of form for all heights :							
26.01	Foundations, footings, bases of columns, etc. for mass concrete	45.00	Sqm	10.00	169.00	7605.00	245.00	11025.00
26.02	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	250.00	Sqm	10.00	189.00	47250.00	525.00	131250.00
26.03	Suspended floors, roofs, landings, balconies and access platform	80.00	Sqm	10.00	189.00	15120.00	575.00	46000.00
26.04	Edges of slabs and breaks in floors and walls Above 20 cm wide	30.00	Sqm	10.00	195.00	5850.00	600.00	18000.00
27.00	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. (Note :- Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/recoverable separately). All works upto plinth level	160.00	Cum	10.00	6999.00	1119840.00	7000.00	1120000.00

64990.00	ASHUTOSH INFRAPROJ ECTS PVT LTD
72000.00	JASORIA BUILDERS
160000.00	JASORIA BUILDERS
82500.00	JASORIA BUILDERS
6360.00	ASHUTOSH INFRAPROJ ECTS PVT LTD
9160.00	ASHUTOSH INFRAPROJ ECTS PVT LTD
8360.00	ASHUTOSH INFRAPROJ ECTS PVT LTD
11623.50	ASHUTOSH INFRAPROJ ECTS PVT LTD
26000.00	JASORIA BUILDERS
61960.00	ASHUTOSH INFRAPROJ ECTS PVT LTD

7605.00	ASHUTOSH INFRAPROJ ECTS PVT LTD
47250.00	ASHUTOSH INFRAPROJ ECTS PVT LTD
15120.00	ASHUTOSH INFRAPROJ ECTS PVT LTD
5850.00	ASHUTOSH INFRAPROJ ECTS PVT LTD
1119840.00	ASHUTOSH INFRAPROJ ECTS PVT LTD

28.00	Extra for providing richer mixes at all floor levels. Note:- Excess/less cement over the specified cement content used is payable /recoverable separately. Providing M-35 grade concrete instead of M-25 grade BMC / RMC. (Note : Cement content considered in M-35 is @ 350 kg/ cum)	160.00	Cum	10.00	1799.00	287840.00	200.00	32000.00
29.00	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.	3000.00	Kg	10.00	61.00	183000.00	80.00	240000.00
30.00	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	55.00	Cum	10.00	2049.00	112695.00	1750.00	96250.00
31.00	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.	300.00	Kg	10.00	158.00	47400.00	120.00	36000.00
32.00	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	800.00	Kg	10.00	158.00	126400.00	122.50	98000.00
33.00	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	50.00	Sqm	10.00	125.00	6250.00	100.00	5000.00
34.00	Painting runway/taxi track/apron marking with adequate no. of coats to give uniform finish with road marking paint of superior make as approved by the Engineer-in-charge including cleaning the surface of all dirt, scales, oil grease and other foreign material etc. and lining out complete. New work-Two or more coats	750.00	Sqm	10.00	595.00	446250.00	125.00	93750.00
35.00	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 leadsincluding all lifts involved.	160.00	Cum	10.00	50.00	8000.00	180.00	28800.00
36.00	Supply of cast iron Isolating Transformer Housing Box, water tight round type, metal container of outside size 330 mm dia, height 450 mm made of 10 mm thick cast iron moulding all round, except the top surface, which is 15 mm thick, cast iron moulding suitable to receive a light fitting base plate on the top and underground housing associated with transformer, power cable and having two holes opposite/ three holes at 90 degrees as per site requirement at the periphery, centre 75 mm above bottom surface suitable to receive 50 mm dia HDPE pipe as required. The box should have two SS earth bolts of M10x40 mm tapped inside near the hole (4" away from hole centre) and having drain hole at the bottom suitably tapped to receive 15mm dia GI pipe and having clear opening of 220 mm at the top surface and 06 Nos. M10 tapped hole having centre to centre distance of 260mm alongwith bolts as required as per the drawings & complete in all respect as per site requirement.	30.00	Each	10.00	6499.00	194970.00	1500.00	45000.00
37.00	Supply of following dia ISI mark HDPE pipe of PN6 & PE80 grade with accessories etc. and as per relevant IS amended upto date complete as per site requirement . A) 50 mm dia(OD)	700.00	Mtr.	10.00	73.00	51100.00	495.00	346500.00
38.00	Installation of Transformer Housing Boxes with a base concrete of 1:3:6 of size 630 x 630 x 100 mm. thick, all round concrete of 1:2:4, 150 mm. thick, the top sloped with 1:2:4 cement concrete including providing and fixing 10" long 15 mm. dia. "B" class GI pipe with check nuts for drainage of water including excavation of side shoulder and refilling (wherever the transformer boxes are in a line the same has to be aligned in such a way that the centre fall in a straight line) etc, complete as required. (The box shall project above the shoulder to a maximum of 5 cm.)	30.00	Each	10.00	799.00	23970.00	500.00	15000.00
39.00	Laying of 50 mm dia HDPE pipe to connect the consecutive existing Transformer Housing Boxes at a suitable depth i/c providing the socket , lock/check nut /other suitable accessories at both sides of Transformer Housing wall to fix pipe. The pipe shall be laid along with the pavement work with all the safety and precaution.	700.00	Mtr.	10.00	27.00	18900.00	110.00	77000.00

32000.00	JASORIA BUILDERS
183000.00	ASHUTOSH INFRAPROJECTS PVT LTD
96250.00	JASORIA BUILDERS
36000.00	JASORIA BUILDERS
98000.00	JASORIA BUILDERS
5000.00	JASORIA BUILDERS
93750.00	JASORIA BUILDERS
8000.00	ASHUTOSH INFRAPROJECTS PVT LTD
45000.00	JASORIA BUILDERS
51100.00	ASHUTOSH INFRAPROJECTS PVT LTD
15000.00	JASORIA BUILDERS
18900.00	ASHUTOSH INFRAPROJECTS PVT LTD

Total in Figures

54920123.50

51512635.00

Lowest Amount Quoted BY: JASORIA BUILDERS(51512635.00)