

Government eProcurement System Created By: NELLORE BALACHANDRA Created Date/Time: 19-Jan-2024 12:21 PM Tender Title: Re configuration of Existing and Under Construction of Terminal Buildings. SH. Development of Open to Sky Area by Providing Slab and Roof Top i.c other Miscellaneous works at Tirupati Airport Tender ID: 2024_AAI_180219_1											
Tender Inviting Authority: AIRPORTS AUTHORITY OF INDIA											
Name of Work: Re-configuration of Existing and Under Construction of Terminal Buildings. SH: Development of Open to Sky Area by providing Slab & Roof Top i/c other Miscellaneous works at Tirupati Airport.											
TENDER ID: 2024_AAI_180219_1											
SCHEDULE OF WORK / ITEM(S)											
Sl.No	Description of Work / Item(s)	No.of Qty	Units	DUDDU RAMANAIAH(GSTN-37BXUPD4033L1Z3)		Intex Space Solutions Private Limited(GSTN-33AABC6589E27H)		SP ENTERPRISES(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount		
1.00	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 up to 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.	66.00	Cum	250.00	16500.00	247.90	16361.40	280.00	18480.00	16361.40	Intex Space Solutions Private Limited
2.00	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) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	2.00	Cum	6700.00	13400.00	4957.30	9914.60	6700.00	13400.00	9914.60	Intex Space Solutions Private Limited
3.00	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. Concrete of M30 grade with minimum cement content of 350 kg /cum. All works up to Plinth Level.	41.00	Cum	9000.00	369000.00	10357.00	424637.00	11200.00	459200.00	369000.00	DUDDU RAMANAIAH
4.00	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. Concrete of M30 grade with minimum cement content of 350 kg /cum. All works from Plinth level up to floor V level.	118.00	Cum	9300.00	1097400.00	10357.00	1222126.00	11600.00	1368800.00	1097400.00	DUDDU RAMANAIAH
5.00	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	61.00	Sqm	360.00	21960.00	373.00	22753.00	680.00	41480.00	21960.00	DUDDU RAMANAIAH
6.00	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform	308.00	Sqm	800.00	246400.00	883.00	271964.00	900.00	277200.00	246400.00	DUDDU RAMANAIAH
7.00	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	357.00	Sqm	700.00	249900.00	701.00	250257.00	1000.00	357000.00	249900.00	DUDDU RAMANAIAH

8.00	Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts	196.00	Sqm	800.00	156800.00	915.00	179340.00	1000.00	196000.00	156800.00	DUDDU RAMANAIAH
9.00	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	5125.00	Kg	90.00	461250.00	102.00	522750.00	105.00	538125.00	461250.00	DUDDU RAMANAIAH
10.00	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.	14750.00	Kg	90.00	1327500.00	100.00	1475000.00	105.00	1548750.00	1327500.00	DUDDU RAMANAIAH
11.00	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand): With Modular bricks	62.00	Cum	7000.00	434000.00	8516.00	527992.00	11600.00	719200.00	434000.00	DUDDU RAMANAIAH
12.00	12 mm cement plaster of mix: 1:6 (1 cement : 6 coarse sand)	400.00	Sqm	300.00	120000.00	318.00	127200.00	450.00	180000.00	120000.00	DUDDU RAMANAIAH
13.00	15 mm cement plaster on the rough side of single or half brick work wall of mix: 1:6 (1 cement : 6 coarse sand)	202.00	Sqm	300.00	60600.00	364.00	73528.00	450.00	90900.00	60600.00	DUDDU RAMANAIAH
14.00	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	700.00	Sqm	300.00	210000.00	286.00	200200.00	420.00	294000.00	200200.00	Intex Space Solutions Private Limited
15.00	Cement concrete pavement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete.	6.00	Cum	7500.00	45000.00	4285.00	25710.00	9000.00	54000.00	25710.00	Intex Space Solutions Private Limited
16.00	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	350.00	Kg	600.00	210000.00	428.00	149800.00	730.00	255500.00	149800.00	Intex Space Solutions Private Limited
17.00	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building , for all heights and all levels etc. including: (a) Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. (b) Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. (c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material &labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work forACP cladding is payable under the relevant aluminium items The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete , as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.	230.00	Sqm	4500.00	1035000.00	3809.00	876070.00	5000.00	1150000.00	876070.00	Intex Space Solutions Private Limited
18.00	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.	564.00	Sqm	150.00	84600.00	148.00	83472.00	180.00	101520.00	83472.00	Intex Space Solutions Private Limited
19.00	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/litre, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour : Two coats	985.00	Sqm	130.00	128050.00	130.00	128050.00	230.00	226550.00	128050.00	DUDDU RAMANAIAH, Intex Space Solutions Private Limited

20.00	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	438.00	Sqm	1300.00	569400.00	1380.00	604440.00	1340.00	586920.00	569400.00	DUDDU RAMANAIAH
21.00	Providing and fixing 12mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double acting hydraulic floor spring type fixing arrangement and making necessary holes for fixing and required door fittings, door handle, lock and stopper etc., all complete as per direction of Engineer in charge.	5.00	Sqm	5100.00	25500.00	7142.00	35710.00	5500.00	27500.00	25500.00	DUDDU RAMANAIAH
22.00	Providing 10 mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height of 5 m above floor level, over first class kail wood strips 25x6 mm with 10 mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame (frame work to be paid separately): Flat surfaces	128.00	Sqm	1400.00	179200.00	250.00	32000.00	1500.00	192000.00	32000.00	Intex Space Solutions Private Limited
23.00	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin- charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin- charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test.“All above operations to be done in order and as directed and specified by the Engineer-in-Charge : 22.7.1 With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	219.00	Sqm	1500.00	328500.00	1604.00	351276.00	700.00	153300.00	153300.00	SP ENTERPRISES
24.00	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes: 75 mm diameter	30.00	Metre	240.00	7200.00	605.00	18150.00	1620.00	48600.00	7200.00	DUDDU RAMANAIAH
25.00	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. (i) Bend 87.5°: 75 mm bend	8.00	Each	100.00	800.00	571.00	4568.00	650.00	5200.00	800.00	DUDDU RAMANAIAH
26.00	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. (i) Shoe (Plain): 75 mm Shoe	4.00	Each	90.00	360.00	190.00	760.00	550.00	2200.00	360.00	DUDDU RAMANAIAH
27.00	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. (i) 75 mm	10.00	Each	350.00	3500.00	190.00	1900.00	120.00	1200.00	1200.00	SP ENTERPRISES
28.00	Demolishing cement concrete manually / by mechanical means including disposal of material within 50 meteres lead as per direction of Engineer-in-charge. Nominal Concrete 1:4:8 or leaner mix (i/c equivalent design mix)	6.00	Cum	1500.00	9000.00	1432.00	8592.00	1620.00	9720.00	8592.00	Intex Space Solutions Private Limited
29.00	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.	11.00	Cum	3500.00	38500.00	3382.00	37202.00	4400.00	48400.00	37202.00	Intex Space Solutions Private Limited
30.00	Extra for cutting reinforcement bars manually / by mechanical means in RCC or RB work [Payment shall be made on the cross section area of RCC or RB work] as per direction of Engineer - in- charge.	71.00	Sqm	1100.00	78100.00	1092.00	77532.00	550.00	39050.00	39050.00	SP ENTERPRISES
31.00	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	287.00	Sqm	50.00	14350.00	53.00	15211.00	280.00	80360.00	14350.00	DUDDU RAMANAIAH

32.00	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	200.00	Kg	6.00	1200.00	52.00	10400.00	11.00	2200.00	1200.00	DUDDU RAMANAIAH
33.00	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	25.00	Cum	2500.00	62500.00	4246.00	106150.00	3000.00	75000.00	62500.00	DUDDU RAMANAIAH
34.00	Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine in RCC beams, lintels, columns and slabs to introduce steel bars including fixing the steel bars in position using Hilti / Fischers injectable mortor anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge a) up to and including 12mm dia rebar	150.00	Each	210.00	31500.00	135.00	20250.00	58.00	8700.00	8700.00	SP ENTERPRISES
35.00	Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine in RCC beams, lintels, columns and slabs to introduce steel bars including fixing the steel bars in position using Hilti / Fischers injectable mortor anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge b) 16 mm dia rebar	20.00	Each	530.00	10600.00	238.00	4760.00	58.00	1160.00	1160.00	SP ENTERPRISES
36.00	Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine in RCC beams, lintels, columns and slabs to introduce steel bars including fixing the steel bars in position using Hilti / Fischers injectable mortor anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge c) 20 mm dia rebar	20.00	Each	950.00	19000.00	220.00	4400.00	110.00	2200.00	2200.00	SP ENTERPRISES
37.00	Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine in RCC beams, lintels, columns and slabs to introduce steel bars including fixing the steel bars in position using Hilti / Fischers injectable mortor anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge d) 25 mm dia rebar	20.00	Each	2000.00	40000.00	292.00	5840.00	110.00	2200.00	2200.00	SP ENTERPRISES
38.00	Providing Engineering Consultancy for Civil works and other services catered in this contract as per provision of NBC 2016 and other relevant codes for preparation of detailed working drawing including preparation of structural designs and drawings. The structural designer shall ensure that the structural drawings should matching with the architectural drawing, any discrepancies between architectural drawing, structural drawing and service drawings etc. shall be resolved and corresponding final drawing duly stamped "Good For Construction" be issued. The structural drawings shall got proof checked /vetted from the independent institutes either any Government Institute or IIT / NIT's and agency shall submit the design drawings for final approval of AAI. This item includes all cost for design including proof checking/vetting of design etc.	1.00	Job	150000.00	150000.00	47618.00	47618.00	158000.00	158000.00	47618.00	Intex Space Solutions Private Limited

Total in Figures

7856570.00

7973884.00

9334015.00

Lowest Amount Quoted BY: DUDDU RAMANAIAH(7856570.00)