

BOQ Summary Details

**Tender Title: Re-Carpeting of Runway at Sri Guru Ram Das Jee International
Airport, Amritsar**

Tender ID: 2025_AAI_233872_1

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	New India Infra Buildtech Limited (BID ID - 852718)	323479150.00	L1
	2	NSC Projects Pvt. Ltd. (BID ID -852690)	326296540.00	L2
	3	GURBACHAN SINGH CONSTRUCTIONS PRIVATE LIMITED (BID ID -853177)	385825782.00	L3

Government eProcurement System
Created By: Avadhesh Kumar Yadav
Created Date/Time: 11-Jun-2025 03:42 PM
Tender Title: Re-Carpeting of Runway at Sri Guru Ram Das Jee International Airport, Amritsar
Tender ID: 2025_AAI_233872_1

Tender Inviting Authority: Sr Manager (Engg.-Civil), Airports Authority of India, O/o Executive Director (Engg.)-NR, Corporate Head Quarters, B-Block, 3rd Floor, Rajiv Gandhi Bhawan, Safdarjung Airport, New Delhi-110 003

Name of Work: Re-Carpeting of of Runway at Sri Guru Ram Dass Jee International Airport, Amritsar , Tender ID : 2025_AAI_233872_1

Contract No: AAI/CHQ/ED /Engg/NR/Amritsar/Rnwy/Recarpeting

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	NSC Projects Pvt. Ltd. (GSTN-07AADCN4958N1ZU) BID ID - 852690		GURBACHAN SINGH CONSTRUCTIONS PRIVATE LIMITED (GSTN-NA) BID ID - 853177		New India Infra Buildtech Limited (GSTN-NA) BID ID - 852718	
				Rate	Amount	Rate	Amount	Rate	Amount
2.00	Civil Works								
3.00	Providing, spreading & compacting good earth, in layers not exceeding 20cm (loose) in depth including breaking clods, watering, rolling each layer with power road roller 8-10 tonnes weight and dressing up side strips of runway/taxiway complete as per direction and satisfaction of Engineer-in- charge with all leads and lifts. (The item includes cost of earth work, payment of necessary royalty, carriage of 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).	3500.00	Cum	350.00	1225000.00	491.00	1718500.00	650.00	2275000.00
4.00	Providing and laying of Hot Mix Dense Bituminous Macadam (DBM) using crushed stone aggregate of quality, size and grading as specified and #filler as specified and Viscosity Grade Bitumen (supplied in bulk) in proportions as per job mix formula and laid to specified levels, grade and camber as per specification, drawings and as directed by the Engineer-in-Charge including compacting with 8-10 tonne, preferably vibratory road roller of adequate capacity to achieve the specified values of compaction, strength, surface accuracy complete [VG bitumen of grade VG-30 shall be taken as 110 kg/m3 of mix supplied in bulk produced by Govt. Refineries and 2% hydrated lime by weight of aggregates as filler material]. # Filler in order of preference may be hydrated lime, stone dust or cement. The necessary cost adjustment shall be made based on JMF & availability of filler.	2400.00	cum	9990.00	23976000.00	10822.00	25972800.00	9050.00	21720000.00

5.00	Providing and laying of Hot Mix Semi Dense Asphaltic Concrete (SDAC) using crushed stone aggregate of quality, size and grading as specified and #filler as specified and Viscosity Grade Bitumen (supplied in bulk) in proportions as per job mix formula and laid to specified levels, grade and camber as per specification, drawings and as directed by the Engineer-in-Charge including compacting with 8-10 tonne, preferably vibratory road roller of adequate capacity to achieve the specified values of compaction, strength, surface accuracy complete [VG bitumen of grade VG-30 content shall be taken as 120 kg/m3 of mix supplied in bulk produced by Govt. Refineries and 2% hydrated lime by weight of aggregates as filler material]. # Filler in order of preference may be hydrated lime, stone dust or cement. The necessary cost adjustment shall be made based on JMF & availability of filler.	11100.00	cum	10500.00	116550000.00	11416.00	126717600.00	9450.00	104895000.00
6.00	Recyclig pavement by cold milling of existing bituminous layers, planning the surface after cold milling, reclaiming excavated material to the extent 30 percent of the required quantity, hauling and stockpiling the reclaimed material near central recycling plant after carrying out necessary checks and evaluation, adding fresh material including rejuvenators as required, mixing in a hot mix plant, transporting and laying at site of Hot Mix Semi Dense Asphaltic Concrete (SDAC) using crushed stone aggregate of quality, size and grading as specified and #filler as specified and Viscosity Grade Bitumen (supplied in bulk) in proportions as per job mix formula and laid to specified levels, grade and camber as per specification, drawings and as directed by the Engineer-in-Charge including compacting with 8-10 tonne, preferably vibratory road roller of adequate capacity to achieve the specified values of compaction, strength, surface accuracy complete [VG bitumen of grade VG-30 content shall be taken as 120 kg/m3 of mix supplied in bulk produced by Govt. Refineries and 2% hydrated lime by weight of aggregates as filler material]. # Filler in order of preference may be hydrated lime, stone dust or cement. The necessary cost adjustment shall be made based on JMF & availability of filler.	1900.00	cum	10000.00	19000000.00	9361.00	17785900.00	8150.00	15485000.00

7.00	Recyclig pavement by cold milling of existing bituminous layers, planning the surface after cold milling, reclaiming excavated material to the extent 30 percent of the required quantity, hauling and stockpiling the reclaimed material near central recycling plant after carrying out necessary checks and evaluation, adding fresh material including rejuvenators as required, mixing in a hot mix plant, transporting and laying at site of Hot Mix Dense Bituminous Macadam (DBM) using crushed stone aggregate of quality, size and grading as specified and #filler as specified and Viscosity Grade Bitumen (supplied in bulk) in proportions as per job mix formula and laid to specified levels, grade and camber as per specification, drawings and as directed by the Engineer-in- Charge including compacting with 8-10 tonne, preferably vibratory road roller of adequate capacity to achieve the specified values of compaction, strength, surface accuracy complete [VG bitumen of grade VG-30 shall be taken as 110 kg/m3 of mix supplied in bulk produced by Govt. Refineries and 2% hydrated lime by weight of aggregates as filler material]. # Filler in order of preference may be hydrated lime, stone dust or cement. The necessary cost adjustment shall be made based on JMF & availability of filler.	1900.00	cum	9800.00	18620000.00	8874.00	16860600.00	8000.00	15200000.00
8.00	Providing and laying of Hot Mix Dense Asphaltic Concrete (DAC) using crushed stone aggregate of quality, size and grading as specified and #filler as specified and Viscosity Grade Bitumen (supplied in bulk) in proportions as per job mix formula and laid to specified levels, grade and camber as per specification, drawings and as directed by the Engineer-in-Charge including compacting with 8-10 tonne, preferably vibratory road roller of adequate capacity to achieve the specified values of compaction, strength, surface accuracy complete [VG bitumen of grade VG-30 content shall be taken as 135 kg/m3 of mix supplied in bulk produced by Govt. Refineries and 2% hydrated lime by weight of aggregates as filler material]. # Filler in order of preference shall be hydrated lime, stone dust or cement. The necessary cost adjustment shall be made based on JMF & availability of filler.	8400.00	cum	11571.00	97196400.00	12282.00	103168800.00	10200.00	85680000.00

9.00	Providing and applying tack coat using low viscosity paving bitumen of VG 10 grade complying with IS:73, spraying the bitumen with mechanically operated spray unit at the rate specified below, cleaning and preparing the existing pavement surface as per specifications complete in all respects as per direction of Engineer-In-Charge. If the actual quantity of bitumen varies from the quantity specified, necessary cost adjustment for deviation in the quantity of bitumen shall be done as per rate in actual supply voucher from nearest refinery at the time of execution. The rate of bitumen exclusive of GST shall only be considered for payment. a) 0.20 Kg/Sqm on existing bituminous surface	513000.00	sqm	16.00	8208000.00	15.00	7695000.00	16.00	8208000.00
10.00	Providing and applying tack coat using low viscosity paving bitumen of VG 10 grade complying with IS:73, spraying the bitumen with mechanically operated spray unit at the rate specified below, cleaning and preparing the existing pavement surface as per specifications complete in all respects as per direction of Engineer-In-Charge. If the actual quantity of bitumen varies from the quantity specified, necessary cost adjustment for deviation in the quantity of bitumen shall be done as per rate in actual supply voucher from nearest refinery at the time of execution. The rate of bitumen exclusive of GST shall only be considered for payment. b) Tack Coat on existing cement concrete pavement with VG 10 @ 0.30Kg/Sqm	2300.00	sqm	22.00	50600.00	17.00	39100.00	24.00	55200.00
11.00	Providing, laying and fixing of self adhesive glass fibre reinforcement grid of High Modulus Fibre Glass of mesh size not exceeding 12.5mm x 12.5mm. The self adhesive glass fibre reinforcement after laying over the Runway Pavement shall be pressed down fully with a rubber tired roller and glued to pavement surface. The grid being self adhesive does not require tack coat. The longitudinal overlap should not be less than 250mm and transverse overlap i.e. at the end of the roll should not be less than 150mm. The items should be completed in all respect, to the satisfaction of Engineer-in-charge.	40800.00	sqm	125.00	5100000.00	92.00	3753600.00	180.00	7344000.00
12.00	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. a) New work-Two or more coats	11000.00	Sqm	225.00	2475000.00	442.00	4862000.00	575.00	6325000.00

13.00	Painting runway/taxi track/apron marking with adequate nos of coats to give uniform finish with white lime as approved by the Engineer-in-charge, i/c cleaning the surface of ail dirt, scales, oil, grease and other foreign material etc. and lining out complete. New work (One or more coats)	10100.00	Sqm	200.00	2020000.00	74.00	747400.00	500.00	5050000.00
14.00	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. a) Old work (One or more coats)	5800.00	Sqm	200.00	1160000.00	442.00	2563600.00	575.00	3335000.00
15.00	Supplying & pouring of bitumen emulsion (using bitumen emulsion (Rapid setting) complying with IS:8887) in runway cracks complete as per the direction of Engineering In-charge.	3000.00	Kg	55.00	165000.00	61.00	183000.00	70.00	210000.00
16.00	Raking out joints of concrete slab including removal of old sealing compound 8mm to 30mm wide & 30mm to 50mm deep, cleaning the dust with compressor and preparing the surface for filling polysulphide sealant and making good the damages of corner of concrete slab with epoxy material including disposal of rubbish material for all leads and lift as per direction of Engineer in charge.	16600.00	m	12.00	199200.00	184.00	3054400.00	204.00	3386400.00
17.00	Providing and laying in position Polysulphide sealant of approved make conforming to BS-5212-1990 or IS: 11433-1995 in 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. complete as per direction of Engineer in-Charge & particular specifications. a) Dummy Joints of size 8 mm wide and 10 mm deep over 10 mm dia closed-cell Polyethylene foam back-up rod, as per manufacturers specifications.	7200.00	m	80.00	576000.00	98.00	705600.00	165.00	1188000.00

18.00	Providing and laying in position Polysulphide sealant of approved make conforming to BS-5212-1990 or IS: 11433-1995 in 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. complete as per direction of Engineer in-Charge & particular specifications. a) Construction Joints of size 10 mm wide and 10 mm deep over 12 mm dia closed-cell Polyethylene foam back-up rod, as per manufacturers specifications.	7900.00	m	100.00	790000.00	147.00	1161300.00	165.00	1303500.00
19.00	Providing and laying in position Polysulphide sealant of approved make conforming to BS-5212-1990 or IS: 11433-1995 in expansion 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. complete as per direction of Engineer in-Charge & particular specifications. a) Expansion Joints of size 25 mm wide and 10 mm deep over 30 mm dia closed-cell Polyethylene foam back-up rod, as per manufacturers specifications.	1600.00	m	200.00	320000.00	184.00	294400.00	175.00	280000.00
20.00	Providing and laying of Epoxy compound of approved make which includes filler, base and hardner on concrete/PQC surface on Runway/Apron i/c cutting of existing patches in required shape as per site, cleaning of surface, applying primer on surface and level the repair surface with existing concrete/PQC surface as per specification of manufacturer and direction of EIC.	600.00	kg	350.00	210000.00	982.00	589200.00	450.00	270000.00
21.00	Dismantling of flexible pavement (bituminous courses) by mechanical means and disposal of dismantled material up to a lead of 1 kilometre, as per direction of Engineer-in-charge.	1100.00	cum	575.00	632500.00	429.00	471900.00	550.00	605000.00

22.00	Preparation of granular sub-base by providing close graded Material (Grade-III/IV) conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by mechanical transport to work site, for all leads & 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 as per specifications and directions of Engineer-in-Charge. a) With material conforming to Grade-III/IV (size range 26.5 mm to 0.075 mm) having CBR Value-20	990.00	cum	2000.00	1980000.00	2025.00	2004750.00	2800.00	2772000.00
23.00	Providing, spreading and consolidating excavated good earth (excluding rock), braking clods, watering, rolling with light weight roller/ramming, dressing up and maintain slope up to average depth of 150 mm (140mm to 160mm) over GSBC etc. complete as per the direction of Engineer in Charge. (The item includes cost of earth, payment of necessary royalty, carriage of earth upto work site for all leads and lifts involved.)	300.00	cum	500.00	150000.00	491.00	147300.00	550.00	165000.00
24.00	Carriage of materials by machincal transport for every additional lead of 1.0 km beyond initial lead of 1.00 km: (a) Flexible pavement (bituminous course)	1100.00	Per cum per km	10.00	11000.00	184.00	202400.00	15.00	16500.00
25.00	Supplying and placing Good earth bags (aprox. 30 kg good earth in one bag) at suitable place in all respect as per direction of engineer-in-charge.	31111.00	Per Bag	25.00	777775.00	37.00	1151107.00	15.00	466665.00
26.00	Labour for removing filled Good earth bags (aprox. 30 kg good earth in one bag) from working site to beyond basic strip in all respect as per direction of engineer-in-charge.	31111.00	Per Bag	15.00	466665.00	25.00	777775.00	35.00	1088885.00
27.00	Electrical Works								
28.00	Supply of cubicle MS transformer housing box of following size made of 6mm thick all around except the open top surface which is 10mm thick, having 04 nos hole on side surfaces for 63/50mm dia HDPE/DWC pipe entry & 06 Nos. hole for 32 mm dia HDPE/DWC pipe entry on side surfaces, having 02 drain holes at the bottom surface suitably tapped to receive 25 mm dia, 300 mm long B class GI pipe, MS cover plate (10 mm thick), suitable size gasket and and no. of M 10 SS bolts & washers etc as per specifications and drawings. 750mm X 330mm X 450 mm HB (with 08 no. threaded holes on top surface) 750 mm X 330 mm X 10 mm MS Top cover plate having 8 No. suitable holes 8 Sets M 10 SS bolts & washers	500.00	Nos.	9980.00	4990000.00	42945.00	21472500.00	13500.00	6750000.00

29.00	Supply of cubicle MS transformer housing box of following size made of 6mm thick all around except the open top surface which is 10mm thick, having 02 nos hole on side surfaces for 63/50mm dia HDPE/DWC pipe entry & 04 Nos. holes for 32 mm dia HDPE/DWC pipe entry on side surfaces, having 01 drain hole at the bottom surface suitably tapped to receive 25 mm dia, 300 mm long B class GI pipe, MS cover plate (10 mm thick), suitable size gasket and and no. of M 10 SS bolts & washers etc as per specifications and drawings. 330mm x 330mm X 450 mm HB (with 06 no. threaded holes on top surface) 330 mm X 330 mm X 10 mm MS Top cover plate having 6 No. suitable holes, 6 Sets M 10 SS bolts & washers	250.00	Nos.	4799.00	1199750.00	26994.00	6748500.00	9500.00	2375000.00
30.00	Supply of MS Collar on existing transformer housing box of following size made of 6mm thick all around except the top surface which is 10mm thick, having 04 nos hole on side surfaces suitable for 32 mm dia HDPE/DWC pipe entry, 10 mm thick MS cover plate having suitable No. of holes, suitable gasket, suitable No. of M-10 size SS bolts & washers as per specifications, drawings and site requirements. 300mm high x 330mm X 330 mm MS Collar (with 06 no. threaded holes for M10 SS Bolts on top surface), Open top and open bottom surface 330 mm X 330 mm X 10 mm MS Top cover plate having 6 No. suitable holes 6 Sets M 10 SS bolts & washers	300.00	Nos.	4455.00	1336500.00	22086.00	6625800.00	8000.00	2400000.00

31.00	Supply of MS Collar on existing transformer housing box of following size made of 6mm thick all around except the top surface which is 10mm thick, having 04 nos hole on side surfaces suitable for 32 mm dia HDPE/DWC pipe entry, 10 mm thick MS cover plate having suitable No. of holes, suitable gaskets, Suitable No. of M-10 size SS bolts & washers as per specifications, drawings and site requirements. 100mm high x 350mm X 600 mm MS Collar (with 08 no. threaded holes for M10 SS Bolts on top surface), Open top and open bottom surface. 350 mm X 600 mm X 10 mm MS Top cover plate having 8 No. holes for fixing cover plate to HB and 6 No. suitable threaded holes for fixing AGL base plate to cover plate. Cover shall have suitable size opening to receive an AGL fitting base plate on the top as per specifications, drawings and site requirements. 8+6 Sets M 10 SS bolts & washers	300.00	Nos.	5224.00	1567200.00	24540.00	7362000.00	8000.00	2400000.00
32.00	Supply of HDPE Pipe as per size 50 mm Dia	53000.00	Mtr	77.50	4107500.00	98.00	5194000.00	75.00	3975000.00
33.00	Supply of HDPE Pipe as per size 32 mm Dia	43000.00	Mtr	32.00	1376000.00	74.00	3182000.00	60.00	2580000.00
34.00	Installation of Transformer Housing Boxes with a base concrete of 1:3:6 of 1050mmX630mmX100 mm thick, all round concrete (except top) of 1:2:4 150mm thick, the top sloped with suitable cement concrete including providing and fixing 2X300 mm long 25mm dia "B" class GI pipe with check nuts for drainage of water including excavation of side shoulder and refilling (wherever the transformers boxes are not 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. Housing box size- 750X330X450 mm	500.00	Nos.	4851.00	2425500.00	4908.00	2454000.00	4000.00	2000000.00

