



वाष्कोस लिमिटेड
WAPCOS LIMITED
(भारत सरकार का उपक्रम)
जल शक्ति मंत्रालय
(A Government of India Undertaking)
Ministry of Jal Shakti

Annexure - A
G20
भारत 2023 INDIA
वसुधैव कुटुम्बकम्
ONE EARTH • ONE FAMILY • ONE FUTURE

No. WAP/CMU-I/SAI/JLNS-Track/2023-24/ 3 50

Date: 25.08.2023

To,
The Director (Infra)
Sports Authority of India,
JLN Stadium Complex,
Lodhi Road, New Delhi- 110003

Sub.: Relaying of IAAF (now "WA") Class-1 Synthetic Athletic Track (Full Pur-in-Situ) and Allied works at JLN Stadium, New Delhi- Revised Supplementary Estimate reg.

Ref.:

1. Our letter no. WAP/CMU-I/SAI/JLNS-Track/2022-23/8432 dated 06.03.2023
2. SAI letter no. 01-11001(04)/1/2021-HO-Infra Division/2233 dated 04.06.2023
3. SAI letter no. SAI/JNS/SA/ATHLETICTRACK/CPWD/2023-24 dated 26.06.2023
4. Our letter no. WAP/CMU-I/SAI/JLNS-Track/2023-24/171 dated 30.06.2023

Sir,

This is in continuation of WAPCOS earlier letter no. No. WAP/CMU-I/SAI/JLNS-Track/2023-24/330 dated 16.08.2023 addressed to Administrator, JLN Stadium and meeting at SAI HQ on 24-08-2023 in the Chairmanship of Secretary (SAI) in presence of Director (Infra) and partner of M/s Advance Sports Technologies LLP.

As per the discussion and deliberation in the meeting, Contractor, M/s Advance Sports has submitted the revised estimate vide letter dated 25.08.2023 and reduced the overall rates by 26.57 %. The letter of Contractor along with estimate is enclosed at Annex-I.

As per the estimate submitted by M/s Advance Sport, the Revised Supplementary Estimate is enclosed at Annex-II supported with estimate submitted by Advance Sport. There is discount of 28.498% in comparison of earlier submitted estimate on 16.08.2023. The brief about earlier submitted estimate and revised estimate is as follows:

SN	Particulars	Earlier submitted by WAPCOS on 16-8-2023	Revised estimate as per meeting in SAI on 24-08-2023
Part-1	Rectification of Playing & Non-playing area of along the underground tunnel	1,64,78,875	1,04,48,848
Part-2	Relaying of top layer in balance Non Playing Area	3,81,38,408	2,86,03,806
	Total i/c GST & PMC	5,46,17,284	3,90,52,654
	Overall Discount	28.498 %	



10



As submitted earlier, the revised supplementary estimate covers the following Scope of work and conditions:

Part-1: Rectification of Playing & Non-playing area along underground tunnel

As per direction of SAI vide letter at Sr. No. 3 and various meetings and after final site visit on 07.08.2023, it was finalised to make the track functional for the sports events and submit the Supplementary Estimate considering following methodology to tackle the settlement along the length of the tunnel.

1. Cut the existing athletic track material on both sides of tunnel upto 8 m width at east & west side of ground (Area marked in the attached drawing as "Part - A" at Annex-III). It is also decided that do not excavate / disturb the area of football field inside the athletic track.
2. Excavation of already filled soil upto 2.5 m depth on both sides of tunnel upto 7.5 m width at east & west side of ground.
3. Compaction of excavated earth in layers of 180 mm upto 1.8 m by roller. After that 300 mm GSB will be laid in 2 layers along with the compaction with roller.
4. Over compacted GSB, 150 mm layer of Dry Lean Concrete and 100 mm PCC will be laid.
5. After that 150 mm VDF concrete flooring with steel reinforcement cement will be laid.
6. Finally, importing and laying Synthetic Athletic Track surface of 14-15 mm thick and line marking. The IAAF approved make "Rekortan" will be used in works, to match properties, specifications and colour of earlier laid track, as earlier "Rekortan" was used by M/s Advance Sport.

The revised estimated cost of above work is Rs. 1,44,12,493/- including GST & PMC for "Part-1". The estimate is prepared with all considerations and technicality to tackle the settlement along the underground tunnel (upto 7.5 m width from the wall of tunnel at shown in drawings at Annex-III) with the presumption that in future, settlement will not be occurred in this rectified area i.e. "Area- A", however the guarantee for no further settlement cannot be assured in future as present scope of work cover restricted area along the tunnel. The future settlement, outside the covered area in Annex-III, is not in our scope of work and not considered in this estimate.

As per the contract with M/s Advance Sports, the IAAF approved Class-I certificate is to be provided. Contractor, in their letter has also informed that as per the detailed survey done on already laid track in playing area (which was completed in March, 2021), there are some minor settlements noticed in the playing area of track due to settlement of track near the surrounding inner drains which is not their fault. Contractor intimated that as per the present condition, it is not possible to get the Class-I certification, however, Class-II certificate will be provided and efforts will also be made to get the Class-I certification, if possible. If Contractor provide Class-II certification, then amount of about Rs. 5 to 6 lacs which is the approx. fees of Class-I certification, will be deducted from final bill. The details of the same will be submitted the Contractor later.



As per UC submitted along with letter dated 06.03.2023, the expenditure of Rs. 6,97,36,355/- has already been incurred against sanctioned cost of Rs. 7,37,00,000/- and Rs. 39,63,645/- is still unutilized & with SAI. Therefore, additional sanction of Rs. 1,04,48,848/- (1,44,12,493 - 39,63,645) is required over the sanctioned cost to execute **Part-1**. The already submitted UC is attached at **Annex-IV** for your ready reference.

Part-2: Non-Playing Area (Area about 5844 Sqm)

After repair of the Playing & non-playing area along the length of underground tunnel, the balance non-playing area is about 5844 Sqm. As per the discussion and direction given during site visit and meeting, the work of non-playing area still to be taken to look the whole track aesthetically good as per following scope of work:

1. Removal of existing top layer of minimum 4 mm thickness by rubber grinding machine.
2. Repair of patch work including dismantling, if any, laying of concreting/bitumen for repair, laying of SBR rubber.
3. Importing and laying of top layer of 4mm EPDM to make the track surface and match with the existing slope.

The estimated cost of balance non-playing area is Rs. 2,86,03,806/- including GST & PMC for "**Part-2**". The estimate is prepared only for Relaying of top layer of 4mm EPDM with patch repair and no earth works below the SBR are considered.

As discussed in the meeting, full efforts will be made to complete the work of Part-1 upto 8th December, 2023, if approval is provided within 2-3 days as material is to be imported from US / Europe which will take minimum 2.5 months' time and 20 days will be required for laying the track. The work of Part-2 will be taken after the sports event on 8th December 2023, if it is approved by SAI.

Regards,

Encl. As Above.

Copy to:

Secretary (SAI), JLN Stadium Complex, New Delhi- For further direction and its approval.



Yours faithfully

(P.K Agrawal)

Sr. General Manager

Date: 25/08/2023

To,
The Senior General Manager
Construction Management Unit-I
WAPCOS Limited
Plot no. 148, Sector-44
Gurugram, Haryana-122003

Sub.: Relaying of IAAF (now "WA")Class-1 Synthetic Athletic Track (Full Pur-in-Situ) and Allied works at JLN Stadium, New Delhi- Revised Estimate reg.

Dear Sir,

Earlier we have submitted the estimate of Rs. 1,68,22,849 /- excl. GST for Rectification of Playing & Non-playing area along underground tunnel including earth works and estimate of Rs. 3,13,85,400/- excl. GST for balance work of Non-Playing Area and total cost was Rs. 5,68,85,734/- including 18% GST, as per DSR-2021 and prevailing market rate for Athletic Track material including escalation & appreciation in USD in consultation with WAPCOS.

After discussion held in the meeting on 24-08-2023 in the Chairmanship of Secretary (SAI) at SAI HQ in presence of Director (Infra) & Sr. General Manager, WAPCOS, we are drastically reducing the cost of works in view of long association with SAI Works, interest of the work and upcoming sports events in JLN stadium. We have taken the rates of DSR items as per the provision in our Contract Agreement with WAPCOS and offer 25% Discount for the work of playing area and non-playing area. The comparison table with earlier submitted estimate are as follow

SN	Particular	Earlier submitted by WAPCOS on 16-8-23	Current estimate after meeting in SAI on 24-08-2023
1	Rectification of Playing & Non-playing area along underground tunnel	1,68,22,849 (Rs. 72 Lakhs for Civil and Rs. 96 lakhs for Track)	1,18,60,533 (Rs. 46 Lakhs for Civil and Rs. 73 lakhs for Track)
2	Relaying of top layer in balance Non Playing Area	3,13,85,400	2,35,39,050
3	Total	4,82,08,249	3,53,99,583
	add 18% GST	86,77,485	63,71,925
	Total including GST	5,68,85,734	4,17,71,508
	Overall Discount in %		26.57 %

As per above table we are giving overall 26.6% discount and detailed estimate is enclosed at Enclosure-I. It is also submitted that these rates are not workable specially in case of Athletic Track material due to appreciation of exchange rate of USD from Rs. 69.90 in 2016 to Rs. 83.40 at present (20.7% increase) and 4 years escalation of cost (about 28% escalation) as earlier estimate was framed in 2019.


As discussed in meeting and informed, the rectification works around the tunnel are being done as per the direction of SAI & WAPCOS and full care will be taken technically during execution of work to avoid any further settlement in the considered area in this estimate, however, the Guarantee of no further settlement cannot be assured due to localised treatment of settlement in restricted cost of Rs. 46 lakhs only.

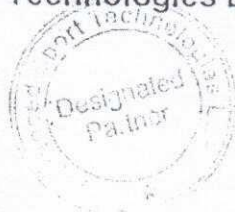
As per the contract we have to provide IAAF approved Class-I certificate. Recently, detailed survey of already laid track in playing area (completed in March, 2021) was carried out in presence of our team and WAPCOS, as per the level received there is some minor settlements noticed in the playing area due to settlement of track near the surrounding inner drains which is not our fault. As per the present condition, now it is not possible to get the Class-I certification. However, Class-II certificate will be provided by us. In spite of this, efforts will also be made to get the Class-I certification. If we provide Class-II certification, then amount of about Rs. 5 to 6 lacs which is the fees of class-I certification may be deducted from our final bill. The details of the same will be submitted to WAPCOS.

Accordingly, decision may be taken by WAPCOS and SAI to complete the work considering all the facts as per above.

Thanking you

For Advanced Sport Technologies LLP


(Rajiv K. Sharma)
Designated Partner



Copy to:

1. The Secretary, SAI, JLN Stadium Complex, New Delhi
2. Director (Infra), SAI, JLN Stadium Complex, New Delhi

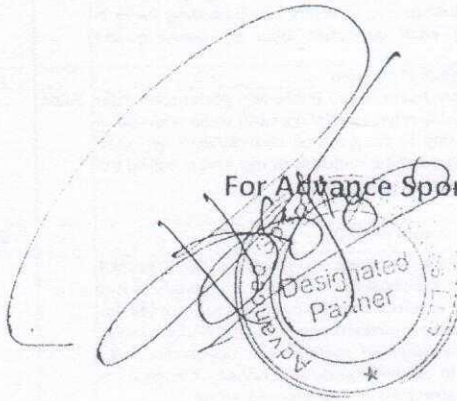
Rectification of Playing & Non-playing area of Athletic Track at JLN Stadium

SN	Particulars	Estimate Submitted vide letter dated 16.08.2023 (In Rs.)	Current estimate after meeting in SAI on 24-08-2023
Part-1	Rectification of Playing & Non-playing area of along the underground tunnel upto 8 m width from the edge of Tunnel of 4 sides and up to 2.5 m depth. The football playing area between the track is not considered in the estimate.	1,68,22,849	1,18,60,533
	Add 18% GST	30,28,113	21,34,896
	Add PMC @ 2.98%	5,01,321	3,53,444
	Add GST @ 18% on PMC	90,238	63,620
A	Total of Part-1	2,04,42,520	1,44,12,493
B	Unutilised fund against the sanctioned cost of Rs. 7.37 Crore due to non execution of part work of non playing area	39,63,645	39,63,645
C	Fund required to executed Part-1, above the sanctioned cost of Rs. 7.37 Crore (A-B)	1,64,78,875	1,04,48,848
Part-2	BOQ for the Laying of top layer of 4 mm EPDM Rubber in Non-playing area including Repair of Patches	3,13,85,400	2,35,39,050
	Add 18% GST	56,49,372	42,37,029
	Add PMC @ 2.98%	9,35,285	7,01,464
	Add GST @ 18% on PMC	1,68,351	1,26,263
D	Total of Part-2	3,81,38,408	2,86,03,806
	Additional Saction required to execute Part-1 & Part-2 over the sanctioned cost of Rs. 7.37 Cr. (C+D)	5,46,17,284	3,90,52,654
	Overall Discount (in %age)		28.498

Rectification of Playing & Non-playing area of Athletic Track at JLN Stadium

SN	Particulars	Amount (In Rs.)
Part-1	Rectification of Playing & Non-playing area of along the underground tunnel upto 8 m width from the edge of Tunnel of 4 sides and up to 2.5 m depth. The football playing area between the track is not considered in the estimate.	11,860,533
Part-2	BOQ for the Laying of top layer of 4 mm EPDM Rubber in Non-playing area including Repair of Patches	23,539,050
	Add 18% GST	6,371,925
	Total cost Including 18% GST	41,771,508

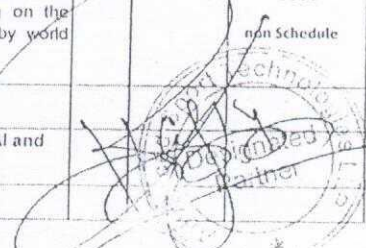
For Advance Sports Technologies LLP



Part-1

BOQ for Rectification of Playing & Non-playing area of along the underground tunnel upto 8 m width from the edge of Tunnel of 4 sides and up to 2.5 m depth.

SL. NO	DSR ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	Rate as per DSR 2016 inc GST	Rate excl GST	Rate after Cost Index as on 2023 @28.43%	Amount
1	2	3	4	5	6	7=6X0.8929	8 =7*1.2843	9
	A	CIVIL WORKS						
1	NS	Removal of existing Athletic Track surface by using manual means up to BC surface and Disposal of the removed existing Synthetic athletic surface material from site as per the rules & regulations of NGT, Govt. of Delhi and Govt. of India including all costs, loading & unloading, all lead and lift and its transportation cost.						
		4 sides of Athletic Track on both ends surrounding to the tunnel	SQM	1376.00	142.24 non Schedule	127.00	127 Same Tender rate	174,752
2	15.43	Dismantling manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material at safest designated site as per direction of Engineer-in-charge including all leads & lift:						
	15.43.2	Bituminous road	SQM	1290.00	177	158.04	202.98	261,838
3	2.6	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.						
	2.6.1	All kinds of soil	CUM	2418.75	125.95	112.46	144.43	349,348
4	2.25	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.						
		10 layers of earth fill each of 180 mm		1300.32	125.75	112.28	144.20	187,511
5	16.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the subgrade and disposal of surplus earth	SQM					
		11 layers of earth fill + 2 layer of GSB		9391.20	90.10	80.45	103.32	970,320
6	16.78	Construction 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 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.						
	16.78.2	With material conforming to Grade-II (size range 53 mm to 0.075 mm) having CBR Value-25	CUM	361.20	2080.15	1857.37	2385.42	861,612
7	16.80	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.	CUM	180.60	3331.95	2975.10	3820.92	690,058
8	1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:						
	4.18	1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	CUM	129.00	4478.15	3998.54	5135.33	662,457
9	16.75	Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready mixed concrete shall be laid and finished with screed board vibrator, vacuum dewatering process and finally finished by floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-in-charge including Panel Shuttering. Minimum Cement content will be 330 kg/cum.		193.50	6912.15	6171.86	7926.52	1,533,781
10	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.						
	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more	KG	9675.00	56.60	50.54	64.91	627,967
11	NS	Providing and laying Synthetic Athletic Track surface "REKORTAN M99" 15mm Thick (FULL PUR System) incl marking on the surface all completed as per specification laid down by world Athletics and as per direction of the Engineer-in-Charge	SQM	1376.00	5908 non Schedule	5275.00	6900 Market Rate & exchange rate of USD	9,494,400
		Total excl. GST & PMC						15,814,045
		Less Discount of 25% as per the discussion with SAI and WAPCOS on 24-8-2023 in SAI HQ						3,953,511
		Total cost Excl. GST after discount						11,860,533

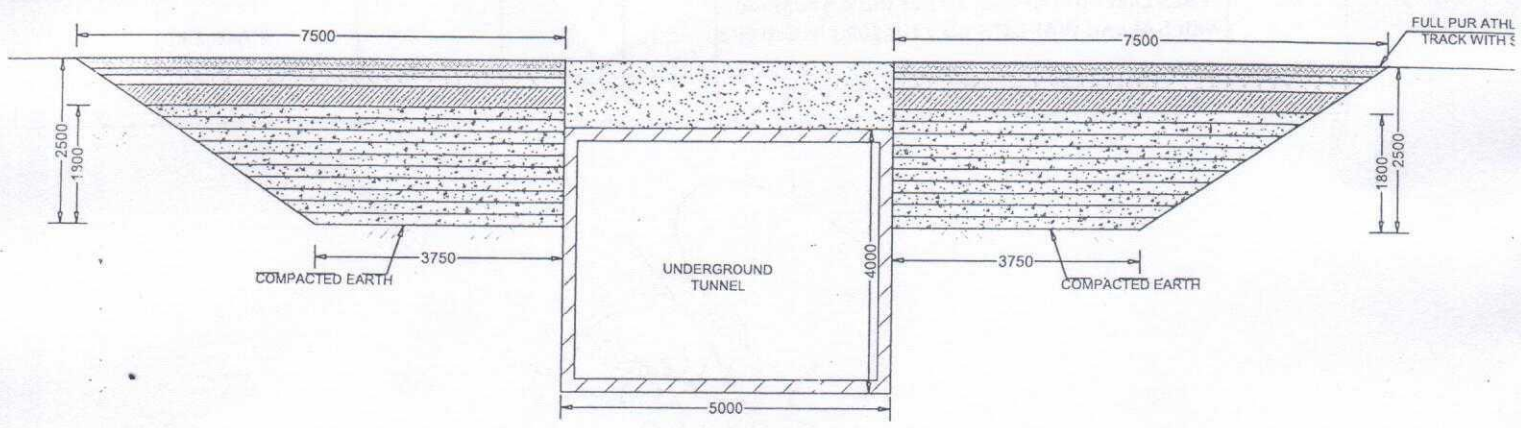
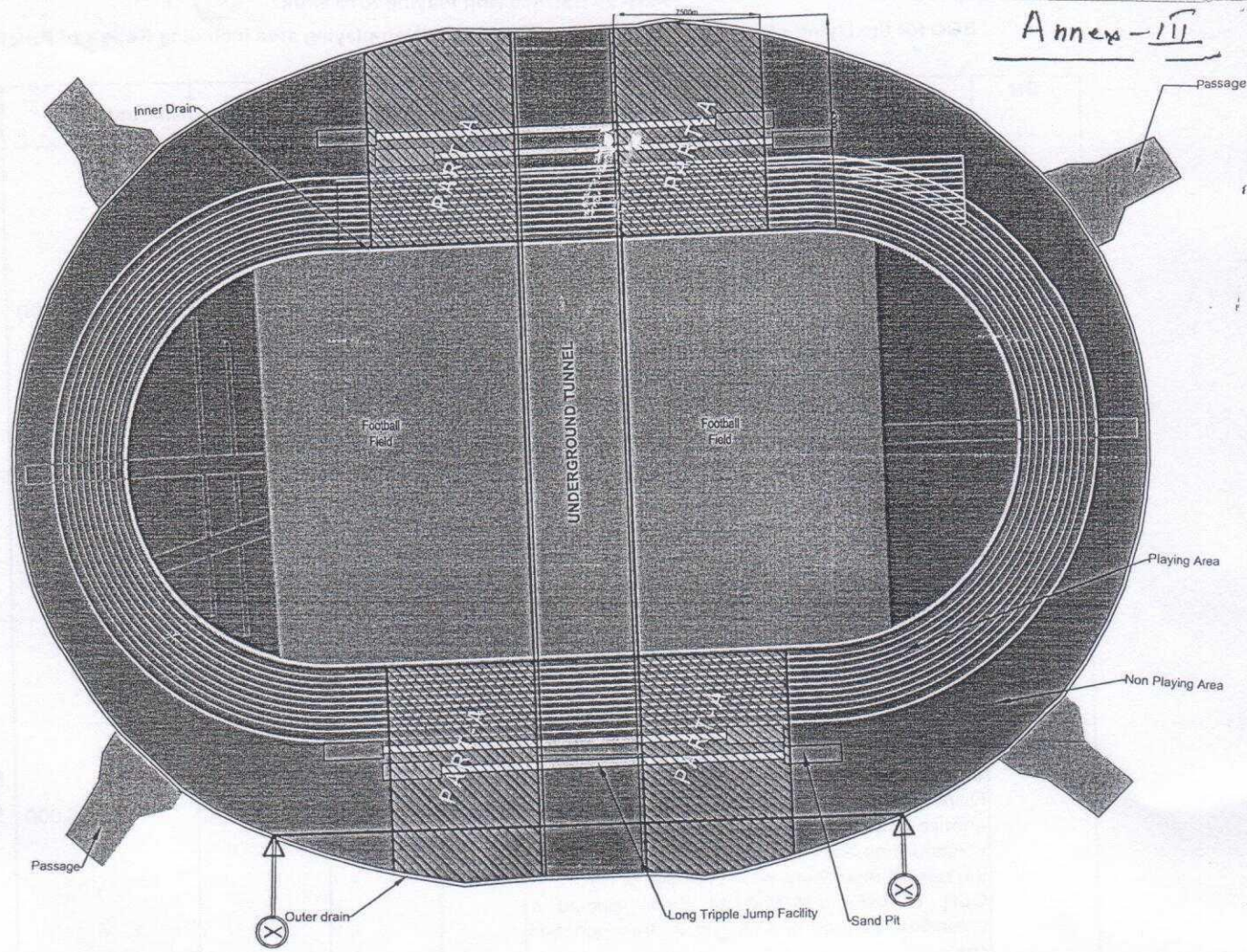


Part- 2 - Balance Non Playing Area work

BOQ for the laying of top layer of 4 mm EPDM Rubber in Non-playing area including Repair of Patches

SN	ITEM DESCRIPTION	UNIT	QTY.	Rate excl. GST	Amount	Remark
1	Removal of existing top layer of minimum 4 mm thickness for non playing athletic track surface with using rubber grinding machine. all completed as per requirements and as per direction of the Engineer- in-Charge. Disposal of removed surface material / unserviceable material / wastage material / Scraped Material / Other material from site as per the rules and regulations of GGT/ Govt of delhi/ Govt of india including all cost , loading, unloading and all lead and lift and its transportation cost.as per requirements and as per direction of the Engineer- in-Charge.	Sqm	5844	350	2,045,400	New Item as per Change of scope of work
2	Repair of patch work including dismantling , if any, laying of concreting/ bitumen for repair, laying of SBR rubber including maintaining the slope upto best level as per instruction of engineer-in-charge and requirement of work.	Sqm	1170	2600	3,042,000	New Item as per Change of scope of work
3	Supplying and Laying of SBR with top layer of EPDM (topping of minimum 4mm thickness) after grinding/scrapping/cleaning in areas which are under depression to maintain standard slope towards the outer surrounding drain. The thickness of Athletic Track material should be sufficient to drain off water towards outer drain. Disposal of the removed existing athletic surface material/unserviceable/ wastage material/ scraped material/ other material from site as per the rules & regulations of NGT, Govt. of Delhi and Govt. of India including all costs, loading & unloading, all lead and lift and its transportation cost.	Sqm	5844	4500	26,298,000	New Item as per Change of scope of work
Total excl. GST & PMC					31,385,400	
Less Discount of 25% as per the discussion with SAI and WAPCOS on 24-8-2023 in SAI HQ					7,846,350	
Total cost Excl. GST after discount					23,539,050	

The image shows a handwritten signature in black ink over a circular official stamp. The stamp contains the text 'Project Manager' and 'SAI' along with a star symbol. The signature is written in a cursive style.



SECTION-X-X'

S No.	SYMBOL	DESCRIPTION	DEPTH IN mm
1.		VDF	150
2.		PCC	100
3.		DLC	150
4.		GSB	300
5.		GOOD EARTH (Each Layer)	180

19

IMPLEMENTING AGENCY:-

WAPCOS Ltd.
 (A GOVERNMENT OF INDIA UNDERTAKING)
 PROJECT NAME:-
ATHLETIC TRACK AT JLN STADIUM
 DRAWING TITLE:-
 Section of Athletic Track Rectification
 DRAWING NO.:- WAP/CMU-I/JLNS/SEC-01
 SCALE:- N.T.S.
 DATE:- 16/08/2016

UTILIZATION CERTIFICATE (FORM - 65)

Replacement of Synthetic Athletic track at Jawahar Lal Nehru Stadium New Delhi

		Abstract of Work Transactions							
S.No.	Name of work	A/A received (INR)	Code Head	Total Deposits Received up to this month (INR)	Expenditure (INR)	Expected Expenditure	Total Expenditure (INR)	Balance amount to be received (INR)	Balance find available with WAPCOS (INR)
1	Replacement of Synthetic Athletic track at J.L.N Stadium New Delhi	737,00,000		645,00,000			697,36,355	52,36,355	-52,36,355
2	Civil works - Awarded to M/s Advance Sport Technologies LLP								
a	RA-1				223,43,174				
	RA-2				52,91,804				
	RA-3				150,00,000				
	RA-4				132,22,956				
2a	Total				558,57,934				
b	Work completed. Bill is to be raised				42,88,541				
2b	Total				42,88,541				
3	Total of 2a + 2b				601,46,475				
4	GST @ 12% on 2a				67,02,952				
5	GST @ 18% on 2b				7,71,937				
6	WAPCOS PMC Charges @ 2.98% on 3				17,92,365				
7	GST @ 18% on 6				3,22,626				
	Grand Total	737,00,000		645,00,000	697,36,355		697,36,355	52,36,355	-52,36,355

