

ACCEPTANCE LETTER No : MINUTES OF CWC - I HELD ON 04-07-2025

To

M/S. J. SANTHANAM CONTRACTOR,
NO.23/2, BHARATHI STREET, RAM NAGAR,
AMBATTUR, CHENNAI – 600053.

Dear Sir,

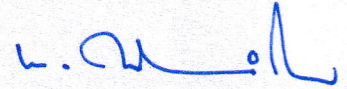
Type of Work: ITEM RATE

Sub : PROVISION OF NEW SPEED TEST TRACK, DRAINAGE SYSTEM AND SPECIAL REPAIRS TO EXISTING SPEED TRACK AND FIG '8' TRACK AT VIJAYANTHA TEST TRACK AT HVF, AVADI.

Ref: (i) HVF Tender No. HVF/TE/13025/CEO/2025-26/04, Dt.17.04.2025 Tender ID : 2025_AVNL_232975_1
(ii) Your Bid No: 846786 in this tender and online price revision opened on 16.06.2025 and confirmation for quality offered vide email dated.16.06.2025.

For and on behalf of The President of India, I hereby convey the acceptance of your tender by the competent financial authority for the above mentioned work for a total value of **Rs. 6,94,16,850/- (Rupees Six Crore Ninety Four Lakh Sixteen Thousand Eight Hundred and Fifty Only)** and order the services detailed in the schedule enclosed herewith at the item rates quoted by you in Schedule 'A' of the Tender documents as per the terms, conditions and specifications laid therein. List of items, to be issued by factory, is given in Schedule 'B'.

2. The contract is allotted with No. **HVF/CE/06/2025-26/CAP, Dated.16-07-2025** which will have to be quoted by you in all future correspondence in connection with this contract.
3. In accordance with condition No. 22 of the General Condition of Contract (IAFW-2249), please submit the security deposit of Rs. 34,71,000/- (Rupees Thirty Four Lakh Seventy One Thousand Only) in favour of "Chief General Manager, Heavy Vehicle Factory, Avadi" as mentioned in tender condition. The maturity date of security Deposit shall be minimum 12 months from date of the completion of contract.
4. The contract shall be governed by the terms and conditions as per the contract documents enclosed and general condition of contract MES IAFW 2249.
5. Shri. G. Ananda Kumar, DGM/IMS&EO is nominated as Engineer-in-Charge and Shri. P. Neelakandan, JWM(SG)/IMS/CE(Fy) is nominated as Site In-charge for the subject work respectively.
6. You are requested to contact the Engineer-in-Charge within 7 days of receipt of this letter for taking over of site and to make time and progress chart. You will also maintain wage-cum-muster roll and all other records as required in Contract Labour Rules and Acts.
7. Please acknowledge receipt of this letter and return two copies duly signed by you in proof of acceptance within seven days from the date of receipt of this communication.



(K. TULASI RAO)
GENERAL MANAGER / CEO
For CHIEF GENERAL MANAGER / HVF
For And On Behalf Of THE PRESIDENT OF INDIA

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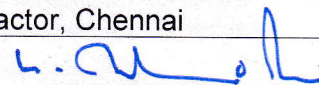
1. GM / HR, F&A, IMS, HVF, Avadi, Chennai – 600054
2. Shri. Shyam Nandan Prasad (Retd) & Shri. Thanglura Darlong, IFS (Retd) - IEM
3. Shri. Pranjit Bhagabati, DGM / IMS - Technical Examiner
4. Shri. Ananda Kumar, DGM/IMS & EO - Engineer –In- Charge
5. Shri. P. Neelakandan, JWM(SG)/IMS/CE(Fy) - Site –In- Charge

IN LIEU OF IAFW-1823(REVISED)
CONTRACTORS' ORDER SHEET

Work Order/Deviation Order No	HVF/CE/06/2025-26/CAP., Dated 16-07-2025
Acceptance letter No.	MINUTES OF CWC – I HELD ON 04-07-2025
Contractor's Name	M/S. J. SANTHANAM CONTRACTOR, CHENNAI
Name of the work	PROVISION OF NEW SPEED TEST TRACK, DRAINAGE SYSTEM AND SPECIAL REPAIRS TO EXISTING SPEED TRACK AND FIG '8' TRACK AT VIJAYANTHA TEST TRACK AT HVF, AVADI.
CA amount	Rs. 6,94,16,850 /-

PARTICULARS

1. Authority	CWC decision of Fy. LEVEL CWC - I
2. Brief Description of work to be carried out	As per details in sheet attached and adhering to your firm Bid No. 846786 in tender No. HVF/TE/13025/CEO/2025-26/04, Dated.17.04.2025 Tender ID : 2025_AVNL_232975 and online price revision opened on 16.06.2025 and confirmation for quality offered vide email dated.16.06.2025 for all Terms & Conditions therein & rate quoted in Schedule 'A' enclosed with tender documents.
3. Time effect	
a. Date of handing over of the site	01/08/2025
b. Date of commencement of work	01/08/2025
c. Date of Completion as per contract	29/03/2026
d. Date for completion shown in previous Orders	NA
e. Revised date of completion	NA
4. Financial effect (Rs.)	
a. Present order	Rs. 6,94,16,850 /-
b. Contract amount as adjusted by previous orders	NA
c. Contract amount adjusted up to and including this order	NA
5. Expenditure to be booked under code Head No	920 / 34 (Under Capital Civil Works Grant)
6. Certified that no special rate is involved	
7. Technical Examiner	Shri. Pranjit Bhagabati, DGM / IMS
8. Approved	Shri. K. Tulasi Rao, GM / CEO
9. Accepted	M/s. J. Santhanam Contractor, Chennai


(K. TULASI RAO)

GENERAL MANAGER / CEO

For CHIEF GENERAL MANAGER / HVF

For And On Behalf Of THE PRESIDENT OF INDIA

Distribution to :--

1. M/s. J. Santhanam Contractor, Chennai
2. GM / HR, F&A,IMS, HVF, Avadi, Chennai - 600054
3. Sr. Security Officer
4. Shri. Pranjit Bhagabati, DGM / IMS - Technical Examiner
5. Shri. Ananda Kumar, WM/IMS - Engineer -In- Charge
6. Shri. P. Neelakandan, JWM(SG)/IMS/CE(Fy) - Site -In- Charge
7. HOS/Safety, 8. HOS/Internal Audit cell, 9. HOS/Test Audit, 10. ALWC,
11. Chief Commissioner of Central Excise, 26/1, Mahatma Gandhi Road, Nungambakkam, Chennai – 600034
12. Dy. Chief Labour Commissioner(c), No: 26, III Block, 5th floor, Shastri Bhavan, Haddows Road, Nungambakkam, Chennai – 600006.
13. Shri. Shyam Nandan Prasad (Retd) & Shri. Thanglura Darlong, IFS (Retd) – Independent External Monitor – IEM

NAME OF WORK :- PROVISION OF NEW SPEED TEST TRACK, DRAINAGE SYSTEM AND SPECIAL REPAIRS TO EXISTING SPEED TRACK AND FIG '8' TRACK AT VIJAYANTHA TEST TRACK AT HVF, AVADI

C.A. NO.:- HVF/CE/06/2025-26/CAP., DT.16.07.2025.

SCHEDULE – "A"

Sl.No	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
1	Demolition of Cement Concrete (with or without reinforced) structure of any description and in position including road, pathway	CUM	100.00	900.00	90000.00
2	Cutting / Demolition of Reinforced Cement Concrete in pavements/roads exceeding 15cm thick by using concrete cutting machine and jack hammer including cutting the edges to sharp and even to depth as per the fresh concrete thickness in to the shape of rectangular / square and preparing the surface to receive fresh concrete. (Concrete cutting machine to be used to cut the edges as rectangular or square required at site and demolition of concrete surfaces by using jack hammer) all complete and as directed by EIC and removing the debris to distance of 500m where directed.	CUM	335.00	1000.00	335000.00
3	M & L for applying Epoxy bonding agent for applying in the old damaged concrete vertical surface to facilitate bonding with fresh concrete. The bonding agent should be brushed applied on the prepared surface and pouring concrete should be done when it is tacky. The make Fosroc, Master Builder, STP is only acceptable. The make should be approved by GE/EIC. The application methodology should be submitted to EIC. The application area alone will be taken for measurement	Sqm	500.00	95.00	47500.00
4	Excavating over areas, n exc 1.5 m deep and getting out in hard dense soil	CUM	2400.00	280.00	672000.00
5	Earth work excavation in hard/ dense soil for foundation width and depth not exceeding 1.50m and getting out.	CUM	3555.00	330.00	1173150.00
6	Material and labour for Quarry dust in filling, spreading watering & consolidation etc.	CUM	330.00	1160.00	382800.00
7	Supply and laying of P.C.C 1:4:8, D2 type using 40mm graded aggregated incl. all bye works etc	CUM	330.00	4200.00	1386000.00
8	M & L for R.C.C (Design Mix) A1 Type, 1: 1.5: 3 mix, 20mm graded aggregate in foundations, including rafts, footings, column, beam, plinth beams, roof slab, pavings, sub-bases etc., The RCC Design should be submitted to EIC. The RMC plant should be fully automatic plant and should confirm to IS 4926-2003 and IS 4925-2004.	CUM	1200.00	5700.00	6840000.00

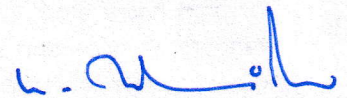
Sl. No.	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
9	Supply and fixing of mild steel reinforcement TMT bars 10mm dia and over including bending, cranking, hooking and tying with mild steel wire not less than 0.90mm dia.	KG	67000.00	82.00	5494000.00
10	Supply and fixing of mild steel reinforcement TMT bars 8mm dia to 6 mm dia including bending, cranking, hooking and tying with mild steel wire not less than 0.90mm dia.	KG	44800.00	84.00	3763200.00
11	M & L for form work to side and soffit of RCC Member such as foundation , plinth beam etc., , and the finishing shall be of fair and smooth finished surface.	SQM	525.00	390.00	204750.00
12	Supply and laying of compacting 300 mm thick (2 layers of 150 mm Compacted thickness) Granular Sub Base course (GSB) grading as per as per table 400- 13 of MoRTH specifications for road and Bridge works 2013 manufactured in a single layer over compacted subgrade with natural sand, crushed gravel, crushed stone, crushed slag or combination there of as per the grading required. The materials are mechanically mixed spread and leveling on the subgrade by using motor grader of adequate capacity and rolling with vibratory roller off capacity 80- 100 KN static weight for achieving required compaction density of at least 98% of the Maximum dry density Consolidating to required gradient and camber complete all as specified and directed. the finished surface tolerances to be as per Table 900 - 1 of MoRTH specifications for road and Bridge works 2013	10Sqm	525.00	3400.00	1785000.00
13	Supply and laying of compacting 150 mm thick (Compacted thickness) Wet Mix Macadam grading as per table 400- 13 of MoRTH specifications for road and Bridge works 2013 manufactured in in WMM plant material comprising of clean crushed, graded aggregate and granular material premixed with water to a dense mass, Spreading with sensor paver and rolling with vibratory roller off capacity 80- 100 KN static weight and consolidating to required gradient and camber complete all as specified and directed. the finished surface tolerances to be as per Table 900 - 1 of MoRTH specifications for road and Bridge works 2013	10 SQM	330.00	2750.00	907500.00
14	Material and labour for cement concrete 1:2:4 Type B1 20mm graded aggregate in foundation filling and mass concrete.	CUM	2100.00	5200.00	10920000.00
15	M & L for Stone sett flooring with stone setts of size 300 to 250mm long, 200 to 250mm wide and 150mm deep and sides dressed; bedded in cement mortar 1:3, joints 20mm thick; grouted in cement mortar 1:2 with an admixture of metallic floor hardener 5% by weight of cement and struck flush.	SQM	2800.00	2000.00	5600000.00

Sl. No.	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
16	Material and labour for providing and laying design mix cement concrete of M-40 Grade using fully automatic concrete paving machine to maintain uniform true level (Minimum flexural strength of 5.42N/Sq.mm) with vaccum dewatering system (will be paid separately) in road/pavements/carriageways using cement content as per design mix with minimum 450Kg per cum using coarse sand and graded aggregate of 25mm nominal size and other admixtures, plasticizers and fly ash / GGBS in appropriate proportions as per approved & specified mix criteria, providing dowel bars sleeve/tie bars (will be paid separately) wherever required laying at site spreading and compacting mechanically by using needle and surface vibrators leveling to required slope/camber finishing with required texture and floating operations including high tensile steel fibres of not exceeding 0.456mm and length exceeding 50mm blended with ready mix concrete at the plant at the rate of 10 Kg/Cum and metallic floor hardener at the rate of 1kg per 50kg of cement (i.e. not less than 9Kg/cum) including of steel form work with sturdy M.S. Channel sections, curing making all complete. This rate is inclusive for the Design mix for M-40 grade suitable for speed track concrete shall be got designed and approved from IIT, Anna university/NIT only. The approved designed concrete shall be only used in the approved RMC plant. Necessary the cube samples shall be tested and test result shall be issued from IIT, Anna university/NIT only. (The RMC plant should have QCI certification and ISO 9001).	Cum	2779.00	8800.00	24455200.00
17	M & L for providing Vaccum dewatering system to remove excess water from the laid/green concrete by providing suction mat on the freshly laid concrete which will not allow cement pater to flow out and the suction pump are then started immediately to remove the excess water. The suction time normally 20 to 30 minutes or as specified and as required at site and making the surface hard enough to enable carry the floating operation using mechanical trowel. The rate includes vaccum dewatering system and finishing the surface using mechanical trowel.	Sqm	11070.00	80.00	885600.00
18	Material and Labour for Metallic floor Hardener concrete @ 4 kg/m2 spread over the concrete after the dewatering procedure and before the star of the mechanised trowelling.	SQM	11070.00	170.00	1881900.00
19	Supply and Fixing of structural steel of Fe 410-w (Gde-E- 250) Quality-A for Framed work in doors or gates of angle or other section with gusset plates ,rails, braces, stanchions built up of one beam etc complete drilling for fixing of steel sheeting or other covering doors etc, to be prepared for handing or sliding with and including either hooks and hinges or steel hanging door fittings including steel sheeting and hanging also fastening and locking arrangements etc and fixing complete all as directed by EIC.	KG	1000.00	115.00	115000.00

Sl. No.	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
20	S & F of Pre-painted galvalume aluminium zinc coating GI based corrugated steel sheet 0.50mm (TCT) thick of an colour having tensile strength of 550Mpa as in roof covering/cladding to wall fixed with self drilling / self tapping anti corrosive screws with EPDM seal complete all as per manufacturers specifications and instructions and as approved and as directed, by considering the dimensions & considering the dimension & height including all necessary scaffolding and safety aspects complete.	SQM	60.00	750.00	45000.00
21	M & L for Pre-painted galvalume aluminum zinc coating GI based Plain steel sheet 0.50mm thick of any strength of 550 Mpa as in roof covering/cladding to wall, fixed with self tapping screws as specified	SQM	6.00	750.00	4500.00
22	Material and labour for Forming 25 mm width expansion joint in concrete for full depth of PCC. Early entry saw and subsequent cutting by using diamond bit cutter of appropriate size straight and smooth edges joint cleaned thoroughly with application of compressed air, joint shall be made dry vacuum cleaned and free of dirt oil, vegetation and other debris. The joints then filled with pre-molded 25 mm thick compressible polyethylene closed cell type filler board as specified thereafter application of two coats of primer with thin brush by forward and backward movement at an interval of 30 minutes before placing the backup and pouring the sealant. Placing of closed cell medium density cross linked polyethylene foam backup rod of 30 mm dia over filler board and filled with polyurethane based sealant complying with BS 5212, BS 4254 and EN - 141875 - 2003 with minimum movement accommodation factor (MAF) of +/- 30% having minimum 10 year performance guarantee applying masked tape on the edges of joints and removing the masking tape after filling of sealant as per the method specified by the manufacturer complete as specified and directed.	10 RM	201.00	4450.00	894450.00

Sl. No.	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
23	Material and labour for Forming Dummy / Contraction joint with an initial saw cut of 3 mm soon after the concrete has set up to a depth of 1/3 rd to 1/4 th the thickness of the slab. Widening of the first saw cut to 6mm and 24 mm deep by using diamond bit cutter of appropriate size straight and smooth edges joint cleaned thoroughly with application of compressed air, joint shall be made dry vacuum cleaned and free of dirt oil, vegetation and other debris. Application of two coats of primer with thin brush by forward and backward movement at an interval of 30 minutes before placing the backup rod and pouring the sealant. Placing of closed cell medium density cross link polyethylene foam backup rod of 8mm dia application of bond breaker tape on top of backup rod for complete width of the joint and filled with BS 5212, BS 4254 and EN - 141875 - 2003 with minimum movement accommodation factor (MAF) of +/- 30% having minimum 10 year performance guarantee applying masked tape on the edges of joints and removing the masking tape after filling of sealant as per the method specified by the manufacturer complete as specified and directed.	10 RM	166.00	1850.00	307100.00
24	Supply and laying of 400 micron thick HDPE sheet (Virgin Quality) water proof, Wrinkle free without puncture having minimum weight 390 gm / SQM over the wet mix compacted layer as specified in the design with overlap between strips and at transverse joints as minimum 300 mm.	SQM	4380.00	110.00	481800.00
25	Providing precast cement concrete in landings, cover slabs (for man holes etc.) chullah hoods, chajjas, water troughs, mangers, shelves and similar articles with plain faces Set in cement mortar 1:6, type B1 (1:2:4) 20mm	CUM	3.00	12000.00	36000.00
26	Cleaning of cement concrete road / stone sett by removing loose / powdered sand, brushing with wire brushes for removing caked mud, sweeping with brooms to remove all loose dirt, sand depositing the same to a distance of not less than 30m.	Sqm	21600.00	5.00	108000.00
27	Material and Labour for painting of steel surfaces with two coats of synthetic enamel paint including red oxide, zinc chrome primer preparation of new steel painted surfaces. The first colour will be of light colour and second coat will be of darker tint The paint to be used shall be of Asian paints, Berger paints, Nerolac paints or suitably equivalent. The brands shall be got approved by EIC.	SQM	35.00	140.00	4900.00
28	Supply of JCB machine for surface excavation, removing debris, site clearance, earth work excavation etc as and when required.	Per hour	700.00	500.00	350000.00

Sl. No.	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
29	Rolling and consolidating formation surfaces in cutting using power roller exc 8ton but not exceeding 12T capacity	10SQM	450.00	30.00	13500.00
30	Supply of Tipper Lorry 12T capacity for removing sand, earth, debris etc., as and when required	Per hour	125.00	500.00	62500.00
31	Leveling the area of the Entire Test track using the steel track dozer by removing all the heaps and filling to the low lying area including removal of the bushes completely from the test track boundary area	Per hour	150.00	850.00	127500.00
32	M & L for Brick work with sub-class 'B' bricks, straight or curved on plan exc 6m mean radius, built in cement mortar 1:6 using modular bricks	CUM	5.00	6200.00	31000.00
33	M & L for plastering in CM 1:4 in concrete / Brick work	Sqm	50.00	240.00	12000.00
Gross Total of Items (Rs.)				6,94,16,850 /-	



(K. TULASI RAO)
GENERAL MANAGER / CEO
For CHIEF GENERAL MANAGER / HVF
For And On Behalf Of THE PRESIDENT OF INDIA

TERMS & CONDITIONS:

1 Special Condition: The Material required for the subject work which be brought inside the factory by the contractors, should be noted along with challan / vouchers etc., and a copy of the same are to be given to the engineering office for record and copy to be submitted to the contractors along with the bill while claiming the payment.

2 Payment Clause: The contractor has to pay the minimum daily wages to the skilled/semi skilled/unskilled labourers engaged in their work as has been specified by the Government, latest rate and displayed in the wages notice Board at factory.

3 Safety Clause: Annexure-B of MES Safety Code, IAFW 2249 must be observed in general. Work Permit shall be obtained for overhead/hazardous work condition. All the safety precautions/measures have to be taken by the contractor. However, a few points of safety measures to be followed for working at height and on the roof are mentioned hereby :

Use of safety belt and helmet of proper quality is mandatory for all workers working on roofs at height of above 5.00 meters and also in the underground areas. Safety belt with life line should be properly tied at some firm support.

(i) In case any difficulty is faced in proper fastening and securing of safety belt, a safety net may be provided below the workspot so that in case of accident fall, there might not be any fatality.

(ii) A crawling ladder or roof walker must be used for movement on Asbestos/CGI roofing.

(iii) Work Permit system should be followed in proper spirit. Contractors shall start the work after obtaining the Work Permit, wherever applicable. Contractor's supervisor and site-in-charge should brief on safety precautions to be observed by the workmen before start of the work. The workers should be clearly explained about the danger of standing or sitting on an apparently stout & new and neat looking asbestos/CGI sheet which is intrinsically weak.

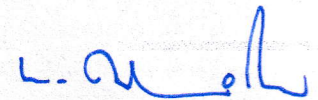
(iv) The contractor shall clear the site after completion of work.

(v) The contractor must employ the labour force duly insured against life risk.

(vi) The contractors shall ensure compliance of all applicable statutory rules and regulations.

4 DEVIATION CLAUSE:

CWC authorised to operate upto (+) or (-) 10% deviation over the CA amount. The deviation limit shall be as per SOP for Civil works in AVNL-2024



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