

ACCEPTANCE LETTER No : MINUTES OF CWC – I HELD ON 21-12-2023

To

J. SANTHANAM CONTRACTOR
No. 23/2, BHARATHI STREET
RAM NAGAR, AMBATTUR
CHENNAI – 600 053

Dear Sirs,

Type of Work: ITEM RATE

Sub : **SPECIAL REPAIRS TO DAMAGED FLOORING IN OH(MS) SHOP IN OLD FACILITY AT HVF, AVADI.**

Ref: (i) HVF Tender No. HVF/TE/13025/CEO/2023-24/43, Dt. 20-09-2023 with Tender ID: 2023_AVNL_168199_1
(ii) Your Bid No: 616891 in this tender & Price reduction offered vide your letter Dt. 21-12-2023

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. 4,27,37,250 /- (Rupees Four Crores Twenty Seven Lakhs Thirty Seven Thousand Two 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/18/2023-24/CAP, Dated. 08-01-2024** 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. 6,28,000 /- (Rupees Six Lakhs and Twenty Eight 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. The deviation limit shall be as per the clause No.19.1.1 & 19.1.2 of MES Contract Manual (latest revision).

5. Shri. G. Anandakumar, WM / IMS is nominated as Engineer-in-Charge and Shri. P. Neelakandan, JWM / IMS / CE (Fy) and Shri. R. Packriswamy, JWM / IMS / CE (Fy) are nominated as Site In-charges 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)

JT. GENERAL MANAGER / IMS, EO & GS

For CHIEF GENERAL MANAGER / HVF

For And On Behalf Of THE PRESIDENT OF INDIA

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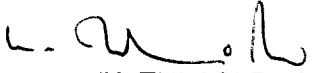
- | | | |
|--|---|----------------------|
| 1. GM / HR & F&A, HVF, Avadi, Chennai - 600054 | - | Engineer –In- Charge |
| 2. Shri. G. Anandakumar, WM / IMS | - | Site-In-Charge |
| 3. Shri. P. Neelakandan, JWM / IMS / CE (Fy) | - | Site-In-Charge |
| 4. Shri. R. Packriswamy, JWM / IMS / CE (Fy) | - | Technical Examiner |
| 5. Shri. Prempal Singh, WM / MM (GA) & CEO | - | |

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

Work Order/Deviation Order No	HVF/CE/18/2023-24/CAP., dated 08-01-2024
Acceptance letter No.	MINUTES OF CWC – I HELD ON 21-12-2023
Contractor's Name	J SANTHANAM CONTRACTOR
Name of the work	SPECIAL REPAIRS TO DAMAGED FLOORING IN OH(MS) SHOP IN OLD FACILITY AT HVF, AVADI.
CA amount	Rs. 4,27,37,250 /=-

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. 616891 in this tender & Price reduction offered vide your letter Dt. 21-12-2023 in HVF/TE/13025/CEO/2023-24/43, Dt. 20-09-2023 with Tender ID: 2023_AVNL_168199_1 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	22/01/2024
b. Date of commencement of work	22/01/2024
c. Date of Completion as per contract	21/01/2025
d. Date for completion shown in previous Orders	NA
e. Revised date of completion	NA
4. Financial effect (Rs.)	
a. Present order	Rs. 4,27,37,250 /=-
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 (CAPITAL GRANT)
6. Certified that no special rate is involved	
7. Technical Examiner	Shri. PREMPAL SINGH, WM / MM (GA) & CEO
8. Approved	Shri. K. Tulasi Rao, Jt.GM / IMS, EO & GS
9. Accepted	J SANTHANAM CONTRACTOR


(K. TULASI RAO)

JT. GENERAL MANAGER / IMS, EO & GS
For CHIEF GENERAL MANAGER / HVF
For And On Behalf Of THE PRESIDENT OF INDIA

Distribution to :-

1. J Santhanam Contractor
2. GM / HR & F&A, HVF, Avadi, Chennai - 600054
3. Sr. Security Officer
4. Shri. G. Anandakumar, WM / IMS - Engineer -In- Charge
5. Shri. P. Neelakandan, JWM / IMS / CE (Fy) - Site-In-Charge
6. Shri. R. Packriswamy, JWM / IMS / CE (Fy) - Site-In-Charge
7. Shri. Prempal Singh, WM / MM (GA) & CEO - Technical Examiner
8. HOS/Safety, 9. HOS/Internal Audit cell, 10 HOS/Test Audit, 11. ALWC, 12. HOS / OHMS
13. Chief Commissioner of Central Excise, 26/1, Mahatma Gandhi Road, Nungambakkam, Chennai – 600034
14. Dy. Chief Labour Commissioner(c), No: 26, III Block, 5th floor, Shastri Bhavan, Haddows Road, Nungambakkam, Chennai – 600006.

SCHEDULE – “A”

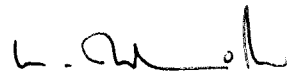
Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
1	Demolition of reinforced cement concrete of any description and in any position not otherwise specifically provided. (reinforcement cut as required to facilitate demolition)	CUM	1900.00	1100.00	2090000.00
2	Dismantling structural steel work including doors, gates but excluding framed truss etc.	QUINTAL	1107.00	400.00	442800.00
3	M&L for moorum/red bajri filling in floors or pavings, laid in layers n exc. 15 cm thick, spread, levelled and consolidated including watering and making true surface	CUM	90.00	1100.00	99000.00
4	M & L for broken stone or boulders hardcore of gauge n exc. 63 mm, deposited, pread and levelled in layers n exc. 15 cm thick, watered and rammed to a true surface.	CUM	90.00	2070.00	186300.00
5	Supply & Laying of polythene 50 micron Film /sheet as the prepared sub bay surface .	SQM	12500.00	30.00	375000.00
6	S&F of mild steel bars (6 TO 8 MM) dia TMT bars dia and over, cut to length, bent to shape required, including cranking, bending spirally for hooping for columns, hooking ends and binding with and including mild steel wire (annealed) not less than 0.9mm dia or securing with clips .	KG	30000.00	90.00	2700000.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
7	Material and Labour for providing and laying RMC of design mix cement concrete of M-30 Grade (with steel fibres) with vaccum dewatering system(measured seperately in Sqm) in road/pavements/carriageways, using cement content as per design mix with minimum 450 Kg per Cum, using coarse sand and graded stone aggregate of 25mm nominal size and other admixtures, plasticizers and fly ash/GGBS in appropriate proportions as per approved & specified design mix criteria, providing dowel bars with sleeve/tie bars wherever required, laying at site spreading and compacting mechanically by using needle and surface vibrators , levelling to required slope/camber finishing with required texture and floating opearations including high tensile steel wire fibres of diameter not exceeding 0.456mm and length exceeding 50mm blended with ready mix concrete at plant at the rate of 7kg/cum and metallic hardener at the rate of 1 kg per 50 kgs of cement and making provision for contraction /expansion , construction & longitudinal joints(10mm widex50mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants complete all as per direction of Engineer-in-charge(Item of joint fillers, sealants, dowel bars with sleever/tie bars to be paid seperately) The RMC plant shall be of Fully automatic plant and shall confirm to the IS 4926-2003 and IS 4925-2004.	CUM	1851.00	10500.00	19435500.00
8	M&L for cement concrete in foundation ,filling and mass concrete typeB1 1:2:4 using 20mm aggregate.	CUM	50.00	6000.00	300000.00
9	Material and Labour for providing Vaccum dewatering method to remove excess water from the laid concrete and filler pad and suction mat shall be laid on the freshly laid concrete which will not allow cement paster to flow out, and the suction pump are then started immediately to remove the excess water. The suction time normally is 20 to 30 minutes or as specified and as required and making the surface hard enough to enable to carry the floating operations for 200 mm thick slab including finishing the top surface with mechanical trowel) The finished surface should be smooth & even.	SQM	12900.00	150.00	1935000.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
10	Material and Labour for Non Metallic floor Hardner of pure carborandum based for concrete road surfaces the application and proportions are as per the manufacturer specifications. Make: Master Builders Solutions,MYK Arment ,Da Fixit , Fosroc ,Bostik ,/Alchemica and Tecnopol Only as approved by EIC).	SQM	12900.00	384.00	4953600.00
11	Supply and application of 4mm thick(1 mm of scratch coat and 3 mm of top coat) self-smoothing breathable polyurethane concrete Flooring system like U-crete MF of BASF/ Nitofloor SL3000 UT of Fosroc/ Sika floor – 21NPurCem (IN) of Sika/ Duracrete of Cipy or equivalent reputed flooring system only.Make and colour should be approved by EIC . The entire scope of the work are as follows. Surface Preparation: The surface of the substrate should be made absolutely dry & free from laitance to achieve the maximum bond strength between substrate & flooring system. Making necessary grooves of size 10mm X 10mm size all along the line of edge of the floor and creating mechanical bond with the existing flooring by cutting necessary grooves in the flooring, all around the existing/Kota stone flooring joints/ edges, Scratch Coat: The material must be applied to the prepared substrate @ minimum 1 mm thickenes [depending upon the floor condition] as a scratch coat to fill up the pores of existing flooring surface, after surface preparation and allowed to dry until it is tack free, prior to the application of the topping. All the damaged part of existing flooring system must be filled with above material. Floor Topping Providing and application of self-smoothing Polyurethane Flooring system of 3 mm thickness with mix density 1.8 gm/cc and above,Adhesive pullout bond strenght above 1.5 Mpa, Tensile strength of 5-10 Mpa as per BS/ASTM pecification, compressive strength from 48 to 56 Mpa, Flexural strength of minimum 17 to 21 Mpa, Water absorption should be 0 to 0.06%, chemical & slip resistance should be at desired level as per the specification of the manufacturer. Make: Master Builders Solutions / Dr .Cipy /Fosroc/MYK arment only as approved by EIC (Payment shall be made in square meters of the floor area for complete work as mentioned above.)The application should be done through authorised applicator of manufacturer.	SQM	2100.00	2500.00	5250000.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
12	M & L for mixing and laying PU Sealant at the designated joints are to be sealed using Fosroc Colpor 200PF over the Backer rod of Expancel which shall position on the filler board of Hydrocel XL of the Expansion joint , pavement sealant manufactured by Fosroc to BS 5212: 1990 and U.S. Federal Specification SS-S 200E:1984. Colpor 200PF/FloArm-Primer EP of MYK arment/ Dr.Fixit Sealants/ Feviseal HY 300 of Cipy has a movement accommodation factor of 30% in butt joints. To ensure the sealant operates within its stated movement capacity of 30%, the width of sealing slots should be designed in accordance with the recommendations of IRC-57-2006. In trafficked areas the expansion joint width should not generally Exceed 30 mm. (Make: Fosroc. MYK arment Da cipy and Master Builders Solutions Only)	RM	100.00	450.00	45000.00
13	M & L for applying polyurethane 100-150 mm width Line marking coating using of Fosroc Nitoflor PUW 100/ Da.Cipy FK 666 of Da . Cipy / Floarm Top PUD of MYK arment /U-crete of Master builders solutions / onlt at 90/100 microns thick according to the lay out and width will be decided and as approved by EIC . (Make: Fosroc.Dr. Cipy, MYK arment , and Master Builders Solutions only).	SQM	210.00	300.00	63000.00
14	Material and Labour for forming 10mm thick Expansion joints with High Resilient Non Bituminous Joint Filler Board filled with either of the polysulphide or Polyurethane joint sealant from approved source shall be used in new rigid pavement. The criteria for selection of the joint sealant will depend on the minimum performance guarantee of ten years offered by the firm, provided with 20mm dia mild steel dowel bars 50cm long (25cm in each slab) with ferrules spaced at 300mm centers including boring form work and performed filler for dowells (200 mm thick slab)	10 RM	705.00	3500.00	2467500.00
15	Refixing Fe-410-W(Gde-E-250) quality-B Framed work as in doors or gates of angle or other section with gusset plates, rails,braces, etc., complete, drilled for fixing of steel sheeting or other covering. Doors, etc. to be prepared for hanging or sliding with and including either hooks and hinges or steel hanging door fittings (exclusive of steel sheeting or other covering,running rails and guides) and hanging; also fastening and fixing complete	KG	2700.00	17.00	45900.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
16	Refixing plates (plain or chequered) channels, square cut or notched (ordinary and counter sunk)forming holes, without any attachment.	KG	104800.00	9.00	943200.00
17	Material and labour for brick work built in CM 1:6 using sub-class "B" bricks ,straight or curved on plain exc 6m mean radius.	CUM	10.00	5000.00	50000.00
18	M & L for plastering in CM 1:4 15 mm thick on fair faces of walls incl all bye works .	SQM	300.00	264.00	79200.00
19	M & L for rendering oil bound distempering (Two coat) on new surfaces and fair faces of walls/ceilings complete all as directed . Make: Asian/Berger/Nerolac.	SQM	2500.00	67.00	167500.00
20	M & L for painting to steel surfaces of any description over 10cm width or girth with two coats of synthetic enamel paint over a coat of primer including preparing new surfaces.	SQM	800.00	142.00	113600.00
21	M&L for Painting lines, dashes, arrows, letters, etc. on roads, pavements and the like exc 10cm wide with road marking paint, white or golden yellow.(Adequate Coats)	SQM	350.00	109.00	38150.00
22	M&L for formwork to edges of concrete flats, breaks in floors, openings in concrete walls, floors and roofs and sides of RCC/PCC bands in walls, horizontal or sloping, and similar work all exceeding 20cm wide. Where RCC/PCC band in walls, spanning and pening, the formwork soffit only shall be paid for under item 07010)	SQM	730.00	400.00	292000.00
23	Removal of excavated rock exceeding 250m but not exceeding 500m and depositing where directed.	CUM	1900.00	350.00	665000.00
Gross Total of Items (Rs.)					4,27,37,250 /=-


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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.

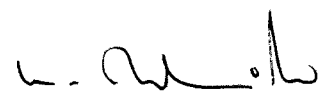
4 DEVIATION CLAUSE:

(i) $\pm 25\%$ of value of individual item other than freakishly rate quoted items.

(ii) For freakishly higher or lower rate quoted items it shall be $\pm 5\%$.

(iii) 20% of Work Order value (Contract value maximum Rs.10 lakhs)

10% of Work Order value (Contract value exceeding Rs.10 lakhs)



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