

Name of work		:	Repairs to Boundary wall & Gates, Kitchen & Toilet in Kavach Hostel (B. No. 27) of AVNL Ambernath.		
Demand No.		:	ND – 2404		
Administrative Approval No		:	0503/06/2024-25/EO/MPF Dt. 22.08.2024.		
Code Head		:	920/34 (Capital)		
T.E. NO.		:	0503/06/2024-25/EO/MPF		
Tender ID No.		:	CPPP TE No. 2024_AVNL_206005_1		
1.	Nature of work	:	Repairs to Boundary wall & Gates, Kitchen & Toilet in Kavach Hostel (B. No. 27) of AVNL Ambernath.		
2.	a) Basic Cost based on latest SSR without Market Variation.	:	Rs. 115,21,599.43/-		
	b) Market Variation	:	Nil		
	c)Total Estimated Cost (a+ b)	:	Rs. 115.22 Lakhs (Rs One Hundred & Fifteen Lakhs Twenty Two Thousand only)		
3.	Mode of Tender	:	Open tender Enquiry (OTE) through etenders.gov.in of Central Public Procurement Portal		
4.	Bid Submission Starting Date & Time	:	28.08.2024 & 05.00 PM		
5.	Bid Submission Closing Date & Time	:	11.09.2024 & 05.00 PM		
6.	Corrigendum (if any)	:	Yes. 1. For extension of Bid Submission Closing Date & Tender opening date as 20.09.2024 & 23.09.2024 resp.		
7.	Tender Opening Date & time	:	25.09.2024		
8.	Earnest Money Deposit (EMD) amount	:	Rs. 1,90,220/-		
9.	Decision of CWC I held on dated 16.11.2024 for Technical evaluation.	:	MTPF CWC-I (Fy) after detailed deliberations decided to open the Price Bids of Two Technically Eligible participated firms namely, 1. M/s Vandan Enterprises, Ambernath & , 1. M/s Kugan Construction, Ambernath.		
10.	As per recommendation of CWC-I dated 16.11.2024 Price bids of all Four eligible bidders were opened on 18.11.2024.				
	The detail of bid received is shown below:				
	Sl. No.	Name of Firm	Amount as per quotation(Rs.)	Offer Valid up to	

1.	M/s Vandan Enterprises,	89,80,153.00/- with 22.06 % Below Admin Approval Cost	20.12.2024	
2.	M/s Kugan Construction, Ambernath	1,19,81,798.50/- with 3.99 % Above Admin Approval Cost	20.12.2024	

11.	Freak rate quoted by L-1 bidder (if any)-				
Item No.	Description	Qty	Total estimated rate based on SSR+ MV %	Rate quoted by lowest bidder	Percentage above or below estimated rate
Plus Side					
39	Supply of Chain link MS galvanized fencing, of 3" Opening size & 8 SWG wire etc all complete as directed by the Engg in Charge. Imp Notes: Sample of Chain link shall be got approved from EIC before supplying	1015.00 Kg	Rs. 76.26	Rs. 120.00	57.36 % above
40	Fixing only chain link fencing including line wires, any mesh, size and type to any type of standards, rails, straining bolts, etc. including provision of binding wire etc all complete as directed by the Engg in Charge. Imp Note: Sample of all accessories shall be got approved from EIC before fixing of Chain Link.	308.00 Sq.m	Rs. 6.35	Rs. 90.00	1317.32 % above
52	M & L for flush pointing in CM 1:3 to random rubble masonry etc all complete as directed by the Engg in Charge.	2.70 Per 10 Sq.m	RS. 1107.17	Rs. 1800.00	62.58 % above
55	M&L for Neeru finish to plastering as specified etc all complete as directed by Engg-in-Charge.	201.00 Sq.m	Rs. 50.00	Rs. 100.00	100.00 % above
59	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes of dia of Min 600 mm dia including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of	12.00 RM	Rs. 1450.00	Rs. 3000.00	106.90 % above

	joints etc. all complete as directed by the Engg in Charge. Note: Sample of material shall be got approved from EIC before use in work.				
63	S&F Pillar taps (Make: as approved by EIC from Jaguar / Plumber) fancy type 15 mm bore dia, cast copper alloy, with capstan heads, chromium plated, screwed down high pressure, with or without lettered 'Hot' or 'Cold' with long screwed shanks and fly-nuts, screwed for iron pipe and fixed etc all complete as directed by Engg-in-Charge. Note: Sample Should be approved before fixing	3.00 Each	Rs. 676.44	Rs. 2500.00	269.58 % above
64	S&F Bib taps fancy chromium plated 15mm (Make as approved by EIC from Jaguar /Plumber), cast copper alloy with crutch or butterfly handle, screwed down, screwed for iron pipe or for brass ferrule and fixed to all complete as directed by Engg in Charge. Note: Sample Should be approved before fixing	19.00 Each	Rs. 607.57	Rs. 1500.00	146.89 % above
65	S&F Stop valves 15mm, fancy type Chromium plated , cast copper alloy, screwed down, high pressure, with crutch or butterfly handle, screwed both ends for iron pipe or for unions and fixed etc all complete as directed by Engg-in- Charge. (Make as approved by EIC from Jaquar /Plumber) Note: Sample Should be approved before fixing	27.00 Each	Rs. 682.03	Rs. 1800.00	163.92 % above
67	S&F PVC (SWR) 110mm bend (Make Prince / Kisan) etc all complete as directed by Engg-in-Charge. Note: Sample Should be approved before fixing	25.00 Each	Rs. 125.00	Rs. 200.00	60.00 % above
71	S&F PVC valveless, syphonic action type, flushing cistern 10 Lit, low level, white, with inlet,	7.00 Each	Rs. 797.24	Rs. 1500.00	88.15 % above

	ball valve, float and handle Including brackets etc all complete as directed by EIC. Note: Sample Should be approved before fixing				
73	M & L for Rolling and consolidating formation surfaces in cutting with power roller exc 5 & n exc 8 Tonne etc all Complete as directed by the Engg in Charge. Imp Note: Contractor shall use vibratory roller for proper compaction of the area & shall show compacted surface to EIC for approval.	102.50 Per 10 Sq.m	Rs. 26.10	Rs. 100.00	283.14 % above
84	S & F galvanized concertina wire fencing with razor type attached blades as per manufacturer (coil dia 750 mm, length 6 meter each, thickness of core wire 2.59 mm with Zinc coating of 230 gms/Sq.m as per IS: 4826-1976) on perimeter wall, at any place and height including necessary staging, scaffolding, all safety precautions, also aligning & setting of adjacent concertina wires on perimeter wall wherever directed and removing & replacing of old concertina coil wire & moving to BM Store or where directed within Factory Premises etc all complete as directed by the Engg In Charge. Imp Notes: (i) The Contractor shall use Heavy Duty clips / pins / wires for securing the Concertina wire between supports. (ii) The concertina wire shall be properly strained / tightened between the two supports and all along the length of Perimeter Wall including securing & tightening existing loose concertina wire/s. (iii) The sample of Concertina Wire & all accessories shall be got approved from EIC before fixing.	316.00 RM	Rs. 310.00	Rs. 550.00	77.42 % above

Minus Side					
3	M & L for removing excavated material soils up to 500 m of total distance & depositing where directed including proper levelling at deposited place etc all complete as directed by the Engg in Charge.	344.00 Cu.m	Rs. 582.60	Rs. 70.00	87.98 % below
6	Excavating in trenches in Hard rocks etc, n exc 1.5 m wide and n exc 1.5 m in depth; for foundation, etc. or for shafts, wells, cesspits, manholes, pier holes, etc. n exc 10 sq m on plan and n exc 1.5 m in depth and getting out, returning Filling etc all complete as directed by Engg-in-Charge. Note: Contractor shall take care for not disturbing any underground cables, water supply lines. In case of damage Contractor shall rectify the same at his own risk & cost.	14.00 Cu.m	Rs. 2483.60	Rs. 250.00	89.93 % below
22	Providing edge moulding to 18-20mm thick stone of counters vanities etc including machine polishing to edge to give high gloss finish etc all complete as directed by Engg-in-Charge.	152.00 RM	Rs. 376.25	Rs. 150.00	60.13 % below
31	S&F Butt hinges 125mm , extruded aluminium alloy with galvanised mild steel hinge pin, anodised and fixed, type B-21 etc all complete as directed by Engg-in-Charge. Note: Sample Should be approved from EIC before fixing	30.00 Each	Rs. 256.90	Rs. 90.00	64.97 % below
32	S&F 150mm Extruded brass handles, fabricated type polished etc all complete as directed by Engg-in-Charge. Note: Sample Should be approved from EIC before fixing	20.00 Each	Rs. 267.90	Rs. 90.00	66.41 % below
33	S & F Brass, sliding door bolt 300mm with sand or die-cast brass hasp, staple (bolt type), suitable for use of Padlock and fixing bolt with rolled or drawn brass bolts and fixed etc all completed as directed by Engg-in charge. Note: Sample Should be approved	10.00 Each	Rs. 1011.50	Rs. 300.00	70.34 % below

	from EIC before fixing				
34	S&F Brass barrel tower bolts 300mm, with cast or sheet barrel and rolled or cast bolts and fixed etc all completed as directed by Engg-in-Charge. Note: Sample Should be approved from EIC before fixing	9.00 Each	Rs. 430.20	Rs. 150.00	65.13 % below
36	S & F Framed work such as grills, gratings, etc. with ends of bars shouldered and/or riveted, or forged into spikes; framed guard bars; barred iron doors; ladders; framed balusters; walk ways; railings; framework of water tanks and similar work conforming to Fe.290.Gde-E-165 with Extra for portions framed and hung as gates, including pintle hinges, stops, hand-made sliding bolts, etc and for ornamental and intricate design etc all complete as directed by the Engg in Charge. Imp Notes: i] Sample of all materials to be used for gate shall be got approved from the EIC before use in work. ii] The Contractor shall prepare 3D Drg / Plan / Elevation Drg etc for the Gates & fencing at its own cost & shall obtain approval of the same from the Competent Authority prior to start of work.	2100.00 Kg	Rs. 244.47	Rs. 110.00	55.00 % below
68	S&F PVC (SWR) 110mm Y junction (Make Prince / Kisan) etc all complete as directed by Engg-in-Charge. Note: Sample Should be approved before fixing	10.00 Each	Rs. 699.32	Rs. 200.00	71.40 % below
79	Dismantling of Brickwork or stone boulder masonry including thorough cleaning of site & removal of all rubbish to earmarked low lying area etc all complete as directed by the Engg in Charge. Imp. Note: 1. Contractor shall carefully dismantle the damaged Boundary wall without disturbing	369.00 Cu.m	Rs. 1817.75	Rs. 450.00	75.24 % below

	underground service lines, water or power supply lines. In case of any damage Contractor shall immediately rectify the same at his own risk & cost. 2. Contractor shall carefully stack all the usable stones at site in safe custody at his own risk & cost for reuse at work.				
80	Demolition of RCC Kitchen hood Roofs, floors (other than ground floors), beams, staircases, landing, chajjas and similar suspended work etc all complete as directed by Engg-in-Charge.	3.00 Cu.m	Rs. 2886.80	Rs. 650.00	77.48 % below
85	Providing material, fabricating, erecting & securing in position and painting of structural steel shed of required height as per site requirement covered with multiwall multicell polycarbonate sheet 10 mm thick , white / translucent colour with following specifications: (i) ISI Mark structural steel member should be provided supporting with design calculations. (ii) Two coats of bright white PU surface paint (Make Asian/ Berger/Jotun or Equivalent) on structure with primer coating. (iii) MS base plates 12 mm thick with Anchor bolts of adequate sizes shall be provided. (iv) 4" Dia Structural steel Round pipe 3 MM thickness (Minimum) with bending if required (v) 3" Dia Structural steel Round pipe 2.5 MM thickness (Minimum) with bending as required (vi) 2" size Structural steel Square pipes of purlins 2 MM thickness (Minimum) vii) All structure shall be arranged with removable nut bolt system with surface PU coat painting, etc all complete as directed by the Engg In Charge.	125.00 Sq.m	Rs. 5271.13	Rs. 150.00	97.15 % below

	Imp Notes: (i) The Structural Design shall be provided by the Contractor at his own cost from Govt. Approved Designer. (ii) Samples of all material shall be got approved from Factory Authority before use in work. (iii) The Thickness mentioned in MM shall be considered as Minimum Thickness of material required & Contractor shall carry out Market Survey prior to quoting for Tender & shall quote accordingly. (iv) Contractor shall prepare architectural design of the shed & shall got the same approved from Competent Auth. before starting of work.				
12. Analysis of L-1 bidder:					
a)	Offer of L-1 (Lowest) bidder	M/s Vandan Enterprises, 89,80,153.00/- with 22.06 % Below Admin Approval Cost			
b)	Offer of L1 bidder above / below the estimated cost in percentage. (Based on SSR 2020 + MV 0 %, at time of estimation) (Estimated Cost: Rs. 115.22 Lakh, AA cost: Rs. 115.22 Lakh)	22.06 % Below Admin Approval Cost			
c)	Offer of L1 bidder above / below the estimated cost in percentage. (Based on SSR 2020 + MV 0 %, at the time of analysis of the offer) (Estimated Cost: Rs. 115.22 Lakh, AA cost: Rs. 115.22 Lakh)	22.06 % Below Admin Approval Cost			
13	Details of the correspondence done with the L1 bidder to obtain clarification of freak rates.- AVNL Ambernath vide letter No. 0503/06/2024-25/EO/MPF Dtd. 02.12.2024 requested L-1 Firm, M/s Vandan Enterprises, Ambernath to quote the Rock Bottom prices for the Tender Items SI No. 39, 40, 52, 55, 59, 63, 64, 65, 67, 71, 73 & 84. It was intimated to L-1 Firm that lumpsum amount quoted by L-1 Firm shall be corrected on the basis of revised rates offered. It was also requested to L-1 Firm to submit undertaking regarding Low Freak rate for Tender Items SI No. 3, 6, 22, 31, 32, 33, 34, 36, 68, 79, 80 & 85 that the L-1 Firm has understood the Scope of Work for these items and shall execute the work for these items at quoted rates to the entire satisfaction of the Factory authorities. Further it was also intimated to L-1 Firm that, the communication is made without any intention or commitment to accept the Tender of L-1, keeping in view provisions of Appendix 3.13 of MES Manual on Contracts 2020. Details of clarification received from the lowest bidder and details revised rates offered by the lowest bidder (if any). : The L-1 Firm vide email Dtd. 02.12.2024 forwarded letter No. Vandan / 2024-2025 Dtd. 02.12.2024 stating that <u>'overall rates quoted by Firm are reasonable so we are not able to reduce our quoted rates'</u>. It is further stated by L-1 Firm that <u>'we understood the nature of work of all the Low Freak rates i.e. Items No. 3, 6, 22, 31, 32, 33, 34, 36, 68, 79, 80 & 85 and we are hereby undertaking for execute the work for these items at quoted rates to the entire</u>				

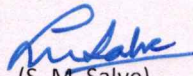
<u>satisfaction of the Factory authorities'</u>						
Item No.	Description	Quantity	Total estimated cost (based on SSR-2010)	Quoted % rate below/above MES SSR-2010 by L-1	Revised Rate by lowest bidder	Revised rate above or below estimated rate
Nil						
Analysis of L-1 bidder:-						
a)	Revised Offer of L-1 (Lowest) bidder (if any)					N.A.
b)	Offer of L1 bidder above / below the estimated cost in percentage. (Based on SSR' + MV%, at time of estimation) (Estimated Cost: Rs. 306.99 Lakhs)					N.A.
c)	Offer of L1 bidder above / below the estimated cost in percentage. (Based on SSR' + MV%, at the time of analysis of the offer) (Estimated Cost: Rs 306.99 Lakhs)					N.A.
14.	Deliberation/ discussion:					
	1. CWC-I observed that L-1 firm M/s Vandan Enterprises, Ambarnath has quoted Rs. 89,80,153.00/- (Rs. Eighty Nine Lakh Eighty Thousand One Hundred & Fifty Three only) through e-procurement which is 22.06% Below Admin Approval Cost of Rs. 115.22 Lakh. 2. CWC-I further observed that the L-1 Firm, M/s Vandan Enterprises, Ambarnath has quoted High Freak Rates for Tender Item SI No. 39, 40, 52, 55, 59, 63, 64, 65, 67, 71, 73 & 84. Also the L-1 Firm has quoted Low Freak Rates for Tender Item SI No. 3, 6, 22, 31, 32, 33, 34, 36, 68, 79, 80 & 85 as detailed above. 3. CWC-I noted that, EOC vide letter No. 0503/06/2024-25/EO/MPF Dtd. 02.12.2024 intimated L-1 Firm to quote the Rock Bottom prices for the Tender Items SI No. 39, 40, 52, 55, 59, 63, 64, 65, 67, 71, 73 & 84 for which High Freak Rates are quoted. CWC-I also noted that L-1 Firm was intimated that lump sum amount quoted by L-1 Firm, shall be corrected on the basis of revised rates offered. 4. CWC-I noted that, EOC vide letter No. 0503/06/2024-25/EO/MPF Dtd. 02.12.2024 intimated L-1 Firm, M/s Vandan Enterprises, Ambarnath to submit the Undertaking w.r.t. Tender Items SI No. 3, 6, 22, 31, 32, 33, 34, 36, 68, 79, 80 & 85 for which Low Freak rates are quoted stating that 'Firm has understood the scope of work and shall execute the work for these items at quoted rates to the entire satisfaction of the Factory Authorities'. CWC-I also noted that L-1 Firm was intimated that the communication is made without any intention or commitment to accept the Tender of L-1, keeping in view provisions of Appendix 3.13 of MES Manual on Contracts 2020. 5. CWC-I observed that L-1 Firm M/s Vandan Enterprises, Ambarnath, vide email Dtd. 02.12.2024 forwarded letter No. Vandan / 2024-2025 Dtd. 02.12.2024 stating that <u>'overall rates quoted by Firm are reasonable so we are not able to reduce our quoted rates'</u>. It is further stated by L-1 Firm that <u>'we understood the nature of work of all the Low Freak rates i.e. Items No. 3, 6, 22, 31, 32, 33, 34, 36, 68, 79, 80 & 85 and we are hereby undertaking for execute the work for these items at quoted rates to the entire satisfaction of the Factory authorities'</u> 6. CWC-I noted that in respect of Items for which the rates are freak, the quantities mentioned in the Tender Documents on the basis of known facts are reasonably estimated. Where the rates quoted are freakishly low, the quantities indicated in the tender are not substantially over estimated; similarly where the rates quoted are freakishly high, the quantities indicated in the tender are not substantially under estimated.					

	7. In view of above deliberation CWC-I opined that the work order for subject work may be placed on L-1 Firm M/s Vandan Enterprises, Ambarnath for Rs. 89,80,153.00/- (Rs. Eighty Nine Lakh Eighty Thousand One Hundred & Fifty Three only) with probable duration of work completion as 04 months from the date of placing of work order as mentioned in the Admin Approval of the work. Further the Quantities of Tender Item SI No. 39, 40, 52, 55, 59, 63, 64, 65, 67, 71, 73 & 84 shall not be executed more than 5% of the estimated quantities & the Quantities of Tender Item SI No. 3, 6, 22, 31, 32, 33, 34, 36, 68, 79, 80 & 85 shall not be executed less than 5% of the estimated quantities keeping in view provisions of Para 10.5.3 of SOP for Civil Works in AVNL 2021 or amendment thereto if any in future.
15.	Decision: MTPF AVNL Ambarnath CWC-I (Fy) after detailed deliberations, decided to place the work order for subject work on L-1 Firm M/s Vandan Enterprises, Ambarnath for Rs. 89,80,153.00/- (Rs. Eighty Nine Lakh Eighty Thousand One Hundred & Fifty Three only) with probable duration of work completion as 04 months. It is also decided that the Quantities of Tender Item SI No. 39, 40, 52, 55, 59, 63, 64, 65, 67, 71, 73 & 84 shall not be executed more than 5% of the estimated quantities & the Quantities of Tender Item SI No. 3, 6, 22, 31, 32, 33, 34, 36, 68, 79, 80 & 85 shall not be executed less than 5% of the estimated quantities keeping in view provisions of Para 10.5.3 of SOP for Civil Works in AVNL 2021 or amendment thereto if any in future.



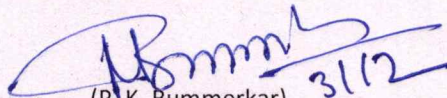
(Nishant Swami)

WM / F & C
(Member Secretary)



(S. M. Salve)

General Manager / Operations
(Member / User, Engg & Finance)



(P. K. Bummerkar)

Chief General Manager
(Chairman)