

MINUTES FOR E-PRICE BID REVISION APPROVAL CWC- I HELD ON 21-12-2023 FOR THE CIVIL WORK – REPAIRS TO FOOT PATH AND FACE LIFTING OF SURROUNDING AREA NEAR AVNL ARCH AT HVF ESTATE

CIVIL ENGINEERING OFFICE

The following Officers were present:-

1	Shri. V.R. Rambhad	CGM / HVF	Chairman / CWC - I
2	Shri. Sulaiman S Siddique	GM / CP & ARJUN (Alternate Officer to GM / HR, F&A)	Member / Finance
3	Shri. Paidi Annajee Rao	GM / IMS	Member / User
4	Shri. K. Tulasi Rao	Jt.GM / IMS, EO & GS	Member Secretary

- 01 e-Tender Enquiry No. & Date : HVF/TE/13025/CEO/2023-24/54, Dt. 19-10-2023.
e-Procurement Tender ID : 2023_AVNL_171372_1
- 02 Name of the Work : Repairs to foot path and face lifting of surrounding area near AVNL Arch at HVF Estate.
- 03 Type of Tender : Open Tender under Two Bid System (e-Tendering)
- 04 Grant & Code Head : 809/02 (Revenue Grant)
- 05 User Section : HVF / IMS -CE (Estate)
- 06 Estimated cost of Work (Approx) : Rs.38,95,000/= (As per delegation of Financial Powers issued by AVNL as on 01/10/2021. Point Sl.No.54, (for Revenue Civil works), Sub Clause "b" and AVNL Amendment letter Dt.22-04-2022, CGM is empowered for Issue of Acceptance of Necessity & Administrative Approval and placement of contract for Departmental works upto Rs.50 Lakhs (in each case). Hence the subject case falls under the financial powers of CWC-I).
- 07 Approval & Financial Concurrence : i) CGM Approval vide IMS/CE(Estate) Note No.1659/ IMS /maint., Dt.04-09-2023.
ii) F&A Concurrence vide Letter No. 12501/HVF/ FIN&ACCT /86/2022, Dt. 06-10-2023.
- 08 e-Tender published in CPPP : 19-10-2023
e-proc website on
- 09 Scheduled Bid Submission Closing : Original Bid Submission Closing Date : 03-11-2023
date& Tender Opening date : Original Technical Tender Opening Date : 04-11-2023
- 10 No. of T.O.D Postponements : Nil
- 11 e-Tender Technical /Eligibility Bid : 04-11-2023
opened on
- 12 No. of Responses received online : 04 Responses / Bids were received online.

13 Names of Contractors who has responded :

Sl. No.	NAME OF THE CONTRACTOR	EMD VALIDITY	OFFER VALIDITY (90 Days from Actual Technical Bid Opening Date)
01	M/s. Siva Enterprises, Chennai	FDR, Date of Maturity 25-01-2024.	Confirmed. Offer Validity till 02-02-2024
02	M/s. Sri Lakshmi Industries, Chennai	FDR, Date of Maturity 01-11-2024.	Confirmed. Offer Validity till 02-02-2024
03	M/s. Vijayalakshmi Enterprises, Chennai	FDR, Date of Maturity 03-02-2024	Confirmed. Offer Validity till 02-02-2024
04	M/s. PSG Constructions, Chennai	EMD Not found submitted in tender Box. Hence Offer Not Evaluated.	

14. **Eligibility Bid:-** CWC – I held on 10.11.2023 deliberated the case and observed that the following 03 (Three) participating contractors have fulfilling the eligibility conditions of the tender and their offers are technically acceptable. Hence, CWC – I approved opening of e-price bids of the following 03 (Three) participating contractors viz.,

1. M/s. Siva Enterprises, Chennai
2. M/s. Sri Lakshmi Industries, Chennai and
3. M/s. Vijayalakshmi Enterprises, Chennai

CWC – I also observed that the EMD was not found submitted in the Tender Box by the contractor M/s. PSG Constructions, Chennai. Hence, CWC – I decided that the offer of the contractor M/s. PSG Constructions, Chennai is not acceptable

15. e-Price Bid Opened on:- 15-11-2023.

16. Details of e-Quotations received are given below:-

Sl. No	NAME OF THE CONTRACTOR	STATUS	QUOTED PRICE	DIFFERENCE OF % OVER ESTIMATED RATE
01	M/s. Sri Lakshmi Industries, Chennai	L1	Rs.33,97,550.00 /-	(-) 12.77 %
02	M/s. Siva Enterprises, Chennai	L2	Rs.37,31,800.00 /-	(-) 04.19%
03	M/s. Vijayalakshmi Enterprises, Chennai	L3	Rs.37,79,770.00 /-	(-) 02.96%

17. **OBSERVATIONS:**

- It is observed that M/s. Sri Lakshmi Industries, Chennai is the L1 contractor and has quoted the amount of **Rs. 33,97,550.00/-** (Rupees Thirty Three Lakhs Ninety Seven Thousand Five Hundred and Fifty Only). The quoted rate is **Lower** than the department estimate of Rs.38,95,000.00 /- (prepared based on MES SSR 2020 rates for SSR Items with market variation of (+) 10% for civil SSR items (+) 05% MV Plus (+) 05% for Estate Restricted Area) and (+)10% ((+)05% MV Plus (+) 05% for Estate Restricted Area) for Electrical items and for some items LPR / MR / BQ has been taken) **by (-) 12.77% %**. The L1 quoted rates are freakishly high for item Sl. No. 25 and 31 (Freakishly high for 02 items) and freakishly low item Sl. No. 01, 23 and 28 (Freakishly low for 03 items) quoted by the L1 Contractor. It is confirmed that the estimate and quantities have been checked and certified that the quantities indicated for freakishly high items are not under estimated and freakishly low items are not over estimated
- It is submitted that the rates quoted by the L1 contractor for items Sl. No. 04, 05 and 35 (Above 10% for 03 items) are higher than the departmental estimate by more than 10%.
- As per clause No.15 of the tender enquiry (in e-procurement portal) the contractors quoted rates are inclusive of GST.

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18 OBSERVATIONS OF CWC- I HELD ON 24-11-2023:

- a. CWC - I Observed that M/s. Sri Lakshmi Industries, Chennai is the L1 contractor and has quoted the amount of **Rs. 33,97,550.00/-** (Rupees Thirty Three Lakhs Ninety Seven Thousand Five Hundred and Fifty Only). The quoted rate is **Lower** than the department estimate of Rs.38,95,000.00 /- (prepared based on MES SSR 2020 rates for SSR Items with market variation of (+) 10% for civil SSR items ((+) 05% MV Plus (+) 05% for Estate Restricted Area) and (+)10% ((+)05% MV Plus (+) 05% for Estate Restricted Area) for Electrical items and for some items LPR / MR / BQ has been taken) **by (-) 12.77% %**. The L1 quoted rates are freakishly high for item Sl. No. 25 and 31 (Freakishly high for 02 items) and freakishly low item Sl. No. 01, 23 and 28 (Freakishly low for 03 items) quoted by the L1 Contractor. It is confirmed that the estimate and quantities have been checked and certified that the quantities indicated for freakishly high items are not under estimated and freakishly low items are not over estimated
- b. CWC - I Observed that the rates quoted by the L1 contractor for items Sl. No. 04, 05 and 35 (Above 10% for 03 items) are higher than the departmental estimate by more than 10%.
- c. CWC - I Observed that as per clause No.15 of the tender enquiry (in e-procurement portal) the contractors quoted rates are inclusive of GST.

19 DECISION OF CWC- I HELD ON 24-11-2023:

In view of the above observations, CWC - I decided to refer the freak rates on higher side for item Sl. No. 25 and 31(02 items) to the L1 Contractor M/s. Sri Lakshmi Industries, Chennai for their consideration and downward revision of their quoted rate.

CWC - I also decided to refer the rates for items Sl. No. 04, 05 and 35 (03 items wherein the rates quoted by the L1 Contractor are higher than departmental estimate by more than 10%) and also the overall quoted rate to the L1 Contractor M/s. Sri Lakshmi Industries, Chennai for their consideration and downward revision of their quoted rates.

CWC - I decided to obtain confirmation from the L1 Contractor M/s. Sri Lakshmi Industries, Chennai that good quality of material and labour will be maintained by them while executing the work for Item Sl. No. 01, 23 and 28 (03 items) wherein the rate quoted by them is freakishly on the lower side.

20. As directed by CWC – I, price negotiation was initiated with the L1 Contractor, M/s. Sri Lakshmi Industries, Chennai, seeking downward revision for items Sl. No. 25 and 31 (02 freakishly high items) and Sl.No. 04, 05 and 35 (03 items wherein the rates quoted by the L1 Contractor are higher than departmental estimate by more than 10%). The Negotiation reply from the L1 Contractor, M/s. Sri Lakshmi Industries, Chennai, was received vide email dated 07.12.2023.

21. The L1 Contractor has revised their price bid and offered the following rate revision:

S. No	Item Sl. No.	Original Quoted Unit Rate (Rs.) and Percentage wrt Estimated Cost			Revised Unit Rate (Rs.) after Price Revision and Percentage wrt Estimated Cost		
01	Item Sl. No. 04	Rs.	8500.00 /-	(30.77 %)	Rs.	8500.00 /-	(30.77 %)
02	Item Sl. No. 05	Rs.	330.00 /-	(14.01 %)	Rs.	325.00 /-	(12.29 %)
03	Item Sl. No. 25	Rs.	15000.00 /-	(145.62 %)	Rs.	1400.00 /-	(-)77.08 %
04	Item Sl. No. 31	Rs.	550.00 /-	(63.93 %)	Rs.	530.00 /-	(57.97 %)
05	Item Sl. No. 35	Rs.	400.00 /-	(26.66 %)	Rs.	380.00 /-	(20.33 %)
06	Item Sl. No. 37	Rs.	100.00 /-	(0.00 %)	Rs.	Blank	

The L1 Contractor M/s. Sri Lakshmi Industries, Chennai has not submitted the confirmation on good quality of material and labour will be maintained for Item Sl. No. 01, 23 and 28 (03 items) wherein the rate quoted by them is freakishly on the lower side.

The L1 contractor subsequently submitted an email dated 10.12.2023 on their own stating that;

"1).... We have submitted our response vide email dt. 07.12.2023 after submission of reply email, we have noticed some corrections in the revised rate submitted by us. In view of above, we would like to resubmit the correct negotiation email. The list of corrections is as stated below a) Item SI no. 25 the revised rate is for:Rs.1400.00 Read: Rs.14000.00 b) Item SI No. 37 the revised rate is for:'Blank' Read : Rs.100.00. The corrected negotiation file is enclosed.

2).... We herewith confirm that we will maintain good quality of material and labour while executing the works for SI.No. 01, 23 and 28. We confirm that we will maintain good quality of material and labour while executing the entire work"

21 a. The L1 Contractor has revised their price bid and offered the following correct rate revision:

S. No	Item SI. No.	Original Quoted Unit Rate (Rs.) and Percentage wrt Estimated Cost			Revised Unit Rate (Rs.) after Price Revision and Percentage wrt Estimated Cost		
01	Item SI. No. 04	Rs.	8500.00 /-	(30.77 %)	Rs.	8500.00 /-	(30.77 %)
02	Item SI. No. 05	Rs.	330.00 /-	(14.01 %)	Rs.	325.00 /-	(12.29 %)
03	Item SI. No. 25	Rs.	15000.00 /-	(145.62 %)	Rs.	14000.00 /-	(129.24%)
04	Item SI. No. 31	Rs.	550.00 /-	(63.93 %)	Rs.	530.00 /-	(57.97 %)
05	Item SI. No. 35	Rs.	400.00 /-	(26.66 %)	Rs.	380.00 /-	(20.33 %)
06	Item SI. No. 37	Rs.	100.00 /-	(0.00 %)	Rs.	100.00	(0.00 %)

The status of Prices quoted by the L1 Contractor after revision of Prices are as follows;

Name of the L1 Contractor	Estimated Price	Original Quoted Price	Revised Price (After Negotiation)	Diff. of Revised Price in % over Estimated price
M/s. Sri Lakshmi Industries, Chennai	Rs. 38,95,000.00 /-	Rs. 33,97,550.00 /-	Rs. 33,93,570.00 /-	(-) 12.87 (Lower)
Total Amount Reduced by the L1 Contractor: Rs.3,980.00 /-				

22. OBSERVATIONS AFTER PRICE NEGOTIATION:

- In reply to the price negotiation request the L1 Contractor, M/s. Sri Lakshmi Industries, Chennai has reduced and revised his offer percentage from Rs. 33,97,550.00 /- to Rs. 33,93,570.00 /- (Rupees Thirty Three Lakhs Ninety Three Thousand Five Hundred and Seventy Only). The revised rate is Lower by (-) 12.87% than the department estimate of Rs. 38,95,000.00 /- (prepared based on MES SSR 2020 rates for SSR Items with market variation of (+) 10% for civil SSR items ((+) 05% MV Plus (+) 05% for Estate Restricted Area) and (+)10% ((+) 05% MV Plus (+) 05% for Estate Restricted Area) for Electrical items and for some items LPR / MR / BQ has been taken).
- It is submitted that the L1 Contractor has offered Price revision for freakishly high items SI. No. 25 and 31 (02 Items) but even after price revision the rate for this items are still freakishly higher.
- It is submitted that for the items where in the rates quoted by the L1 Contractor are higher than 10%, the L1 Contractor has offered Price revision and after price revision the rates for items SI. No.05 and 35 are reduced but still are higher than the departmental estimate by more than 10%. The contractor has not offered any price revision for item SI. No.04 which remain same and higher than the departmental estimate by more than 10%.
- It is submitted that the L1 contractor vide email dated 10.12.2023 stated " we herewith confirm that we will maintain good quality of material and labour while executing the works for SI.No. 01, 23 and 28. We confirm that we will maintain good quality of material and labour while executing the entire work".

- e. As per clause No.15 of the tender enquiry (in e-procurement portal) the contractors quoted rates are inclusive of GST.

23 OBSERVATIONS OF CWC- I HELD ON 15-12-2023:

- a. CWC - I Observed that in reply to the price negotiation request to L1 contractor M/s. Sri Lakshmi Industries, Chennai has reduced and revised his offer percentage from Rs. 33,97,550.00 /- to Rs. 33,93,570.00 /- (Rupees Thirty Three Lakhs Ninety Three Thousand Five Hundred and Seventy Only). The revised rate is Lower by (-) 12.87% than the department estimate of Rs. 38,95,000.00 /- (prepared based on MES SSR 2020 rates for SSR Items with market variation of (+) 10% for civil SSR items ((+) 05% MV Plus (+) 05% for Estate Restricted Area) and (+)10% ((+) 05% MV Plus (+) 05% for Estate Restricted Area) for Electrical items and for some items LPR / MR / BQ has been taken).
- b. CWC - I Observed that the L1 Contractor has offered Price revision for freakishly high items SI. No. 25 and 31 (02 Items) but even after price revision the rate for this items are still freakishly higher
- c. CWC - I Observed that the items where in the rates quoted by the L1 Contractor are higher than 10%, the L1 Contractor has offered Price revision and after price revision the rates for items SI. No.05 and 35 are reduced but still are higher than the departmental estimate by more than 10%. The contractor has not offered any price revision for item SI. No.04 which remain same and higher than the departmental estimate by more than 10%.
- d. CWC - I Observed that the L1 contractor vide email dated 10.12.2023 stated " we herewith confirm that we will maintain good quality of material and labour while executing the works for SI.No. 01, 23 and 28. We confirm that we will maintain good quality of material and labour while executing the entire work".
- e. CWC - I Observed that as per clause No.15 of the tender enquiry (in e-procurement portal) the contractors quoted rates are inclusive of GST.

24 DECISION OF CWC- I HELD ON 15-12-2023:

CWC-I deliberated the case and opined scope exist for further reduction in rates quoted by the L1 contractor for items SI. No.25 and 31(02 items freakishly high) and items SI. No. 04, 05 and 35 (wherein the rates quoted by the L1 Contractor are still higher than departmental estimate by more than 10%). Hence, CWC-I decided to invite the L1 contractor M/s. Sri Lakshmi Industries, Chennai for Price Negotiations to discuss the further downward revision of rates for items SI.No. 25 and 31(02 items freakishly high) and items SI. No. 04, 05 and 35 (wherein the rates quoted by the L1 Contractor are still higher than departmental estimate by more than 10%), in the next CWC meeting.

25 As directed by CWC – I, CEO section vide email dated 19-12-2023 requested the L1 contractor M/s. Sri Lakshmi Industries, Chennai to be present for the Price Negotiation meeting to be held on 22-12-2023 to discuss the downward revision of rates. In reply vide email dated 19-12-2023, the L1 contractor has confirmed their participation for the Price Negotiation meeting.

26 PRICE NEGOTIATION MEETING HELD AT HVF ON 21-12-2023

Price Negotiation was held at HVF on 21-12-2023 with L1 Contractor viz., M/s. Sri Lakshmi Industries, Chennai for downward revision of rates for items SI. No. 25 and 31(02 items freakishly high) and items SI. No. 04, 05 and 35 (wherein the rates quoted by the L1 Contractor are still higher than departmental estimate by more than 10%). During the price negotiation meeting the L1 Contractor has stated that the have quoted very reasonable rates for the subject work.



After protracted price negotiation the L1 contractor M/s. Sri Lakshmi Industries, Chennai has revised and reduced the revised Unit rate for Item Sl. No. 25 from Rs. 14,000.00/- to Rs.6,712.00/- and Sl.No. 31 from Rs.530.00/- to Rs. 369.00/-. The L1 contractor has stated that for items Sl. No. 04, 05 and 35 no further revision is possible. M/s. Sri Lakshmi Industries, Chennai has submitted letter Dt.21-12-2023 and intimated as below:

" In response to above price negotiation meeting, it is submitted that we have quoted a very reasonable rates for the subject work. During the first price revision, I had offered a total discount of Rs.3980/- from my initial quoted rate. Now HVF has once again called for Price negotiation. In this regards, it is submitted that the rates of labour and materials are continuously increasing. Considering the price negotiation discussion we had with HVF, we are submitting the reduced rates for Items Sl.No. 25 and 31:

Item.Sl.No.	Original Quoted unit Rate in Rs.	Revised Rate after 1 st Price Revision in Rs.	Final Revised Unit Rate after 2 nd Price Revision in Rs.	Total Amount Reduced in Rs.
25	15,000.00	14000.00	6,712.00	14,576.00
31	550.00	530.00	369.00	1,610.00
Total Amount Reduced				Rs.16,186.00

We also clarify that for the items Sl.no. 04, 05 & 35 no further revision is possible.

The revised total amount after price reduction is Rs.33,77,384/-. This may be considered as our final discounted price please, it is requested to kindly accept the same and release the order at the earliest, please"

27 OBSERVATIONS OF CWC-I HELD ON 21-12-2023:

- CWC-I observed that after the Price revision/reduction offered by the L1 Contractor M/s. Sri Lakshmi Industries, Chennai during the Price Negotiation meeting held at HVF on 21-12-2023, the revised quoted total amount works out to Rs.33,77,384.00/- (Rupees Thirty Three Lakhs Seventy Seven Thousand Three Hundred and Eighty Four Only) for the work. The revised quoted amount is (-) 13.29 % Lower than the departmental estimate of Rs. 38,95,000.00 /- (prepared based on MES SSR 2020 rates for SSR Items with market variation of (+) 10% for civil SSR items ((+) 05% MV Plus (+) 05% for Estate Restricted Area) and (+)10% ((+) 05% MV Plus (+) 05% for Estate Restricted Area) for Electrical items and for some items LPR / MR / BQ has been taken)
- CWC - I Observed that the L1 Contractor has offered Price revision for freakishly high items Sl. No. 25 and 31 (02 Items) both items become non freakish but still are higher than the departmental estimate by more than 10%.
- CWC - I Observed that the contractor has not offered any price revision for the item Sl. No.04, 05 and 35 which remain same and higher than the departmental estimate by more than 10%.
- CWC - I observed that as per clause No.15 of the tender enquiry (in e-procurement portal) the contractors quoted rates are inclusive of GST.
- CWC - I observed that the L1 Contractors revised price of Rs. 33,77,384.00/- is Lower than the estimated price by (-) 13.29 % and the same is competitive and reasonable

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28 DECISION OF CWC- I HELD ON 21-12-2023:

In view of the above observations, CWC – I decided to place Contract Agreement on the L1 Contractor, viz., M/s. Sri Lakshmi Industries, Chennai, at their revised quoted amount of Rs.33,77,384.00/- (Rupees Thirty Three Lakhs Seventy Seven Thousand Three Hundred and Eighty Four Only) for the subject work. CWC – I authorized to operate up to (+) or (-) 10% deviation over the CA amount.

CWC-I directed the executing agency to ensure the quality of the item SI.No. 01, 23 and 28 (03 items) for which the rate quoted is freakishly low. CWC-I also directed the executing agency to ensure that as per SOP for Civil works in AVNL- 2021, the items having freakishly lower rate SI.No. 01, 23 and 28 (03 items) shall not be executed less than 05% of the estimated quantity.

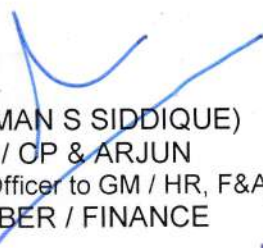
29. **Security Deposit :-** The Contractor has to submit Security Deposit of Rs. 84,500.00 /- (Rupees Eighty Four Thousand Five Hundred Only) in the form of Fixed Deposit / Term Deposit / Bank Guarantee in favour of Chief General Manager, HVF, Avadi from any nationalized bank for the completion and maintenance period which will be releasable on satisfactory completion of the defects liability period.

30. **Completion time :** 08 (Eight) Months from the date of handing over of site.

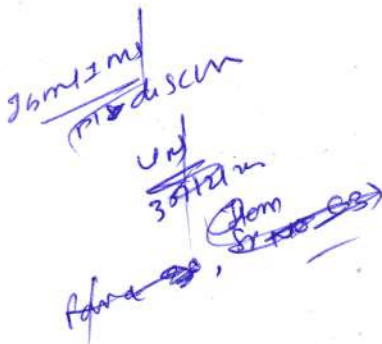
31. **Payment:** 1) As per IAFW 2249 2) Cost debitable to: Code Head No.809/02 (Under Revenue Grant)


(PAIDI ANNAJEE RAO)
GM / IMS
MEMBER / USER


(K. TULASI RAO)
Jt.GM / IMS, EO & GS
MEMBER SECRETARY


(SULAIMAN S SIDDIQUE)
GM / OP & ARJUN
(Alternate Officer to GM / HR, F&A)
MEMBER / FINANCE


(V.R. RAMBHAD)
CGM / HVF
CHAIRMAN / CWC – I


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30/12/23
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S. RAO

COMPARITIVE STATEMENT OF TENDER (COMMERCIAL)

Name of Work : REPAIRS TO FOOT PATH AND FACE LIFTING OF SURROUNDING AREA NEAR AVNL ARCH AT HVF ESTATE

HVF T.E No. : HVF/TE/13025/CEO/2023-24/54 Tender ID: 2023 AVNL 171372.1

All Prices in INR

Sl.No	Description of Work / Item(s)	SSR No./	Units	% WTG w.r.t Orig	Qty	Departmental Estimate		L1 CONTRACTOR		L2 CONTRACTOR		L3 CONTRACTOR		DIFF IN %
						Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	
1	Earthwork excavation in hard/dense soil in trenches width and depth not exceeding 1.50 m and getting out	03006	m3	0.95	50.00	742.50	37125.00	300.00	15000.00	655.00	32750.00	599.00	29950.00	-59.60
2	Material and labour for sand filling under foundation , flooring etc, including watering and consolidation.	03019	m3	0.45	8.00	2171.73	17373.84	2000.00	16000.00	2155.00	17240.00	2150.00	17200.00	-7.91
3	M & L for P C C 1:4:8, B-1 type using 20mm graded aggregated in foundation, grouting of steel structures.	04025 + 04093	m3	1.48	8.00	7186.66	57493.28	5000.00	40000.00	6755.00	54040.00	5500.00	44000.00	-30.43
4	M & L for Brick work built in CM 1:6 using Good quality modular bricks / solid Concrete bricks Bricks straight or curved on plan exc 6m mean radius.	MR	m3	7.01	42.00	6500.00	273000.00	8500.00	357000.00	7100.00	298200.00	7000.00	294000.00	30.77
5	M & L for plastering in CM 1:4, 15mm thick on fair faces of brick work and concrete wall surfaces.	14001 + 14004	m2	1.93	260.00	289.44	75254.40	325.00	84500.00	315.00	81900.00	300.00	78000.00	12.29
6	Material and labour for applying two coats of exterior emulsion on external wall surfaces (two storey building) all complete	17023	m2	0.87	260.00	130.13	33833.80	100.00	26000.00	125.00	32500.00	125.00	32500.00	-23.15
7	S & F of 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.	10048	KG	13.63	4100.00	129.47	530827.00	110.00	451000.00	135.00	553500.00	125.00	512500.00	-15.04
8	M & L for painting to steel surfaces of any description, over 10cm in width or girth,with two coats of synthetic enamel paint over a coat of primer including preparing new surfaces.	17029	m2	0.70	175.00	155.43	27200.25	110.00	19250.00	155.00	27125.00	90.00	15750.00	-29.23
9	Excavation of moorum/red bajiri from borrow pits for floors or pavings, Removal of excavated soils lead exceeding exc. 1.50 km but n exc. 5 km and depositing where directed, and refilling of soil / loose including spreading, laid in layers n exc. 15 cm thick leveling, watering and well ramming in layers where directed.	03006 + 03033 + 03009	m3	7.05	200.00	1372.47	274494.00	1000.00	200000.00	1055.00	211000.00	790.00	158000.00	-27.14
10	Providing precast slabs for drains in cement mortar 1:6 using Type B1 1:2:4 (20mm graded aggregate)	04033	m3	9.35	30.00	12140.48	364214.40	8500.00	255000.00	10500.00	315000.00	10500.00	315000.00	-29.99
11	Supply and fixing of mild steel reinforcement deformed or twisted bars 10mm dia and over including bending, cranking, hooking and tying with mild steel wire not less than 0.90mm dia	10034	KG	3.47	1500.00	90.06	135090.00	95.00	142500.00	90.00	135000.00	92.00	138000.00	5.49
12	Supply and fixing of Cement concrete Tiles 20cmx20cmx20mm thick with grey cement and pigment machine pressed with screed bed or bedding layer in CM 1:3, 15mm thick and pointed in neat ceemnt slurry in floors and cut polished.	13092 + 14009	m2	14.17	380.00	1452.83	552075.40	1050.00	399000.00	1455.00	552900.00	1350.00	513000.00	-27.73
13	Supply and Laying of CPVC 20mm over dia pipes SD 11 & Plain CPVC SDR 11 fittings in trenches complete all as specified.	18077F	m	0.35	50.00	269.06	13453.00	210.00	10500.00	255.00	12750.00	225.00	11250.00	-21.95
14	Supply and Laying of CPVC 16mm over dia pipes SD 11 & Plain CPVC SDR 11 fittings in trenches complete all as specified.	18077F	m	0.40	80.00	193.49	15479.20	150.00	12000.00	185.00	14800.00	150.00	12000.00	-22.48
15	Supply and fixing of 25mm Gun -metal globe or gate valves with iron wheel head, screwed both ends for iron pipe or PVC with all accessories fittings requiree Make should ISI Heavy duty.	18104	Each	0.07	4.00	645.96	2583.84	650.00	2600.00	655.00	2620.00	900.00	3600.00	0.63
16	Supply and fixing of 20mm Gun -metal globe or gate valves with iron wheel head, screwed both ends for iron pipe or PVC with all accessories fittings requiree Make should ISI Heavy duty.	18104	Each	0.08	5.00	594.12	2970.60	600.00	3000.00	545.00	2725.00	750.00	3750.00	0.99
17	Material and Labour for plugging of hard/dense soil including necessary preparation of the existing ground for plantation of Buffalo grass etc all complete as directedby EIC.	MR	m2	8.66	500.00	675.00	337500.00	650.00	325000.00	605.00	302500.00	85.00	42500.00	-3.70
18	Supply and laying of Buffalo Grass including watering etc complete all as directed.	MR	m2	4.11	500.00	320.00	160000.00	300.00	150000.00	295.00	147500.00	575.00	287500.00	-6.25

19	supply and filling pure Red Earth including spreading, levelling the surfaces smooth and uniform to facilitate plantain of grass, Hedge plants etc. all complete as directed by EIC.	MR	m3	3.08	50.00	2400.00	120000.00	2200.00	110000.00	2455.00	122750.00	2250.00	112500.00	-8.33
20	Supply and spreading of cow dung manure for the plantations in the proposed site in various stages etc complete all as directed by EIC.	MR	m3	0.51	25.00	800.00	20000.00	700.00	17500.00	755.00	18875.00	1500.00	37500.00	-12.50
21	Supply and laying of Hedge plants including watering etc complete all as directed	MR	m	1.64	250.00	220.00	63800.00	200.00	58000.00	255.00	73950.00	599.00	173710.00	-9.09
22	Supply and laying of Bushes and ground cover services including watering etc complete all as directed.	MR	m2	1.54	200.00	300.00	60000.00	250.00	50000.00	295.00	59000.00	599.00	119800.00	-16.67
23	Excavating in trenches hard dense soil not exceeding 1.5 m wide and not exceeding 1.5 m in depth for laying cable.	3006	m3	1.14	60.00	742.50	44550.00	350.00	21000.00	655.00	39300.00	650.00	39000.00	-52.86
24	Material & labour for sand filling for cushioning on U.G cable	3019	m3	0.67	12.00	2171.73	26060.76	2000.00	24000.00	2155.00	25860.00	2050.00	24600.00	-7.91
25	Material & labour for Bricks; common burnt clay building bricks sub class B designation 75, Old size bricks for protection to U.G cable	5088	Nos in 1000	0.31	2.00	6107.07	12214.14	6712.00	13424.00	6100.00	12200.00	9999.00	19998.00	9.91
26	Returning, refilling in the excavated trench after laying of power cable including spreading levelling, watering and well ramming in layers not exc 25 cm.	3009	m3	0.24	60.00	153.01	9180.60	100.00	6000.00	145.00	8700.00	150.00	9000.00	-34.64
27	Supply and laying or fixing or passing through pipe, 1100 volts grade heavy duty cable with PVC insulated aluminium conductor served with an inner sheathing of PVC tape armoured with galvanised steel wire or tape and overall PVC sheathed 16 sq. mm nominal cross section in service connections 4 core. (Make:Orbit/ Finolex/ Havells / Gloster / Polycab/ Paragon) or Suitably Equivalent Make	19187	m	0.46	75.00	236.50	17737.50	180.00	13500.00	225.00	16875.00	205.00	15375.00	-23.89
28	Demolition of cement concrete of any description and in any position	21017	m3	0.32	7.00	1794.43	12561.01	700.00	4900.00	1455.00	10185.00	1200.00	8400.00	-60.99
29	Material and labour for cement concrete 1:2:4 Type B1 using 20mm graded aggregate in foundations, filling and mass concrete.	04025 + 04093	m3	1.85	10.00	7186.66	71866.60	7000.00	70000.00	6955.00	69550.00	6500.00	65000.00	-2.60
30	Supply & fixing of galvanised steel tubes, medium grade 80mm dia	18284	m	0.16	10.00	606.32	6063.20	650.00	6500.00	615.00	6150.00	899.00	8990.00	7.20
31	Supply & fixing of galvanised steel tubes, medium grade 50mm dia	18284	m	0.09	10.00	335.50	3355.00	369.00	3690.00	325.00	3250.00	750.00	7500.00	9.99
32	Supply and fixing LED flood light fitting 100 Watt 230 V AC outdoor type with high pressure die cast aluminium housing and heat resistant complete with driver, lamp bracket with impact and corrosion resistant including thermal management in multiple optics complete with IP 65/66 protection complete. (Make: PHILIPS /GE/ WIPRO /CG/ OSRAM / BAJAJ/ HAVELLS/ SYSKA) or Suitably Equivalent Make	19283H	Each	8.29	28.00	11534.94	322978.32	10000.00	280000.00	9755.00	273140.00	9999.00	279972.00	-13.31
33	Supply and fixing 240V, 10 KA 'B' curve miniature circuit breaker (MCB) of single poles and current carrying capacity 6 to 32 AMP, in the MCB DB Complete with connection testing and commissioning. (Make: LEGRAND / HAVELLS or Suitably Equivalent Make	19540A	Each	0.08	10.00	312.62	3126.20	250.00	2500.00	275.00	2750.00	250.00	2500.00	-20.03
34	Supply, fixing & connecting to the system of Sheet metal enclosures with double door DB's when MCB'S to be used Single pole Neutral 8 way with 200 Amps rated busbar, (Make: Legrand/ABB/ Schneider) or Suitably Equivalent Make	19455	Each	0.05	1.00	2103.97	2103.97	2000.00	2000.00	2100.00	2100.00	2000.00	2000.00	-4.94
35	Supply and fixing of Galvanised steel tube Medium Grade 40 MM	18284	m	0.19	24.00	315.81	7579.44	380.00	9120.00	310.00	7440.00	450.00	10800.00	20.33
36	Supply & fixing of outdoor terminal box size of 600mm X 600mm X 300mm of 3mm thick. The box shall be dust, vermin & water proof, front door should open by using panel key. the box should be powder coated and door should have the metal beading width of 10mm. the box shall be provided with teak wood plate fixed inside the box on welded bracket with 4 No of 6mm counter sink screws. 2 Nos of 6mm earthing bolts with proper washers and nut at both side. The box should contain power contractor of 32 Amps triple pole, coil voltage 230 Volts, programmable timer with LCD display Make select and Elmaxconnector suitable for 16 sqmm cable (10 Nos).	BO	Each	0.21	1.00	8300.00	8300.00	8000.00	8000.00	8500.00	8500.00	24000.00	24000.00	-3.61

37	Supply, fixing & connecting of the system cable end termination of size 16 sqmm 4 core including with suitable cable gland & lugs. Supply, laying or fixing with suitable clamps or passing through pipe, PVC insulated, armoured, heavy duty electric UG cable with copper conductor, 1100 volts grade, cross sectional area 2.5 sqmm, 4 core. (Make: Orbit/ Finolex/ Havells / Gloster / Polycab/ Paragon) or Suitably Equivalent Make	LPR	Each	0.02	8.00	100.00	800.00	100.00	800.00	100.00	800.00	450.00	3600.00	0.00
38	Supply, laying or fixing with suitable clamps or passing through pipe, PVC insulated, armoured, heavy duty electric UG cable with copper conductor, 1100 volts grade, cross sectional area 2.5 sqmm, 4 core. (Make: Orbit/ Finolex/ Havells / Gloster / Polycab/ Paragon) or Suitably Equivalent Make	LPR	m	0.84	225.00	145.00	32625.00	140.00	31500.00	155.00	34875.00	625.00	140625.00	-3.45
39	Supply and Fixing of Bollard light fitting complete with 10 watts lamp and accessories Height 500 mm (Make Klite: Cat no 6955 or equivalent model of Havells, Philips, CG) or Suitably Equivalent Make	LPR	Each	1.25	8.00	6100	48800.00	6000.00	48000.00	6400.00	51200.00	9000.00	72000.00	-1.64
40	Supply and fixing of LED post Top light fitting complete with min 30 watts LED lamp and accessories. (Make: Philips/ CG/ Havells/ KLITE/ wipro) or Suitably Equivalent Make	LPR	Nos	1.66	7.00	9255.00	64785.00	9000.00	63000.00	8900.00	62300.00	12000.00	84000.00	-2.76
41	Supply & fixing of outdoor street light terminal box size of 200mm X 200mm X 150mm of 3mm thick. The box shall be dust, vermin & water proof, front door should open by using panel key, the box should be powder coated and door should have the metal beading width of 10mm. the box shall be provided with teak wood plate fixed inside the box on welded bracket with 4 No of 6mm counter sink screws. 2 Nos of 6mm earthing bolts with proper washers and nut at both side. two nos of mounting brackets (flat size of 30mm x 6mm) shall be welded and two nos clamps(30mm width x 6mm thick) for mounting the box on pole. The box shall be provided with 6Amps SP MCB and four numbers of DIN rail connector model CBT-110, (make-Elmex) or Suitably Equivalent Make, Fixed on the wooden plate along with suitable channel.	BO	Each	0.68	8.00	3300.00	26400.00	3200.00	25500.00	3500.00	28000.00	1300.00	10400.00	-3.03
TOTAL Rs.														
							3895000.00		3377384.00		3731800.00		3779770.00	-13.29

Note : 1. The Original Departmental Estimate is prepared based on MES SSR 2020 rates wherein (+) 10% ((+) 05% MV plus (+) 05% for Estate Restricted Area) Rates have been Used for Civil SSR Items and a Market Variation of (+) 10% ((+) 05 % MV+ (+) 05% For Estate Restricted Area) Rates has been used for Electrical SSR Items. For Some Items LPR/MR/BO rates have been used.


JT.GM / IMS, EO & GS