

**KARACHI WATER AND SEWERAGE BOARD**  
**OFFICE OF THE EXECUTIVE ENGINEER CIVIL E&M-SEWAGE/SPD**  
**Behind Block "A" 9<sup>th</sup> mile Karsaz Shakra-e-Faisal, KARACHI.**

No: EE/CIVIL/E&M-SEW/STP-II/NIT/2017/77

Dated: 18.05.2017

The Assistant Director (Assessment),  
SPPRA,  
Block-8, 4-A Sindh secretariat,  
Karachi.

**SUBJECT: NIT: EE/CIVIL/E&M-SEW/STP-II/NIT/2017/25 DATED- 12.04.2017**

**REHABILITATION / REPLACEMENT OF DEFECTED SEWERAGE SYSTEM 12", 8" DIA RCC PIPE AT TP-II MEHMOODABAD INCLUDING DE-SILTING OF 12" DIA BADLY SILTED SEWERAGE LINE AT TP-II MEHMOODABAD.**

In response of the above referred the matter under subject, I am enclosing herewith the documents, as under for your kind perusal. under Rule 45 & 50 of SPPRA website Sr.No.32727.



EXECUTIVE ENGINEER CIVIL  
E&M-SEW/STP-II K.W& S.B

Encl:-

- 1- BID EVALUATION REPORT IN ORIGINAL
- 2- MINUTES OF BID OPENING MEETING
- 3- COMPARATIVE STATEMENT
- 4- BIDDER'S ELIGIBILITY/ QUALIFICATION REPORT
- 5- ATTENDANCE SHEET ORIGINAL
- 6- ESTIMATE FORM

SPPRA INVITATION DIARY  
NO: 768  
DATED: 18-5-17



# KARACHI WATER & SEWERAGE BOARD

## OFFICE OF THE DIRECTOR (DESIGN & ESTIMATE)

### BID EVALUATION REPORT


1	Name of Procuring Agency :	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	SPPRA Serial No.32727 I.D No. _____
3	Tender Description/Name of Work/Item:	<b>REHABILITATION / REPLACEMENT OF DEFECTED SEWERAGE SYSTEM 12", 8" DIA RCC PIPE AT TP-II MEHMOODABAD INCLUDING DE-SILTING OF 12" DIA BADLY SILTED SEWERAGE LINE AT TP-II MEHMOODABAD</b>
4	Method of Procurement:	<u>Single Stage (One Envelop)</u>
5	Tender Published:	<u>Through SPPRA Web Site</u>
6	Total Bid Documents Sold:	<u>3 Nos</u>
7	Total Bid Received:	<u>3 Nos</u>
8	Technical Bid Opening Date (if applicable):	<u>N/A</u>
9	No. of Bid Technically Qualified (if applicable)	<u>N/A</u>
10	Bid (s) Rejected:	<u>01 No</u>
11	Financial Bid Opening Date:	04-05-2017

### 12 BID EVALUATION REPORT


S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARIS ON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	M/s.Orange Star Executors	Rs.9,77,038/-	1 <sup>st</sup> Lowest	@0.136% Below	Pay order and other required documents are available. P.O # 03377351 dt: 27-04-2017 Rs.20,000/- from Meezan Bank Gulberg Branch Karachi	Substantially Responsive
2	M/s.Aqeel Enterprises	Rs.9,84,037/-	2 <sup>nd</sup> Lowest	@0.579% Above	Pay order and other required documents are available. P.O # 03377350 dt: 27-04-2017 Rs.20,000/- from Meezan Bank Gulberg Branch Karachi	Substantially Responsive
3	M/s.Serena Enterprises	Not Quoted	-	-	Pay order not attached, required documents are available.	Un Responsive

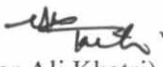
The all concerned bidders are being informed accordingly.

The E.E Concerned for compliance of Rule-45 of SPPRA 2010 **M/s.Orange Star Executors** declared as the lowest responsive bidder by the Committee and recommended for sanction from Competent Authority.

  
(Khuwaja Muhammad Ahmed)  
Accounts Officer (E&M-Sew)  
Member / Secretary

  
(Saif-ul-Haque)  
Additional Director Internal  
Audit – KMC Member

  
(Maqsood Ahmed Shaikh)  
Superintending Engineer (KMC)  
Member

  
(Manzoor Ali Khatri)  
S.E (TPs Circle)  
Members

  
(Saleem Ahmed)  
Director (Design & Estimate)  
Convener

Method and procedure of procurement: Open Competitive Bidding (National/ International Competitive Bidding) (Single Stage–One Envelope)


Description of work: REHABILITATION / REPLACEMENT OF DEFECTED SEWERAGE SYSTEM 12", 8" DIA RCC PIPE AT TP-II MEHMOODABAD INCLUDING DE-SILTING OF 12" DIA BADLY SILTED SEWERAGE LINE AT TP-II MEHMOODABAD

Date of Opening: 04-05-2017

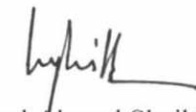
**BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT**

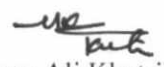
Eligibility/ Qualification Criteria:

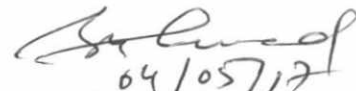
S. No.	Eligibility / Qualification Criteria	Bidders' Name		
		M/s.Orange Star Executors	M/s.Aqeel Enterprises	M/s.Serena Enterprises
1.	Registration with PEC (if applicable)	N/A	N/A	N/A
2.	NTN	Yes	Yes	Yes
3.	Sales Tax Registration	N/A	N/A	N/A
4.	Registration with Sindh Revenue Board (SRB)	Yes	Yes	Yes
	<b>Qualification Criteria:</b>			
5.	Minimum three years' experience of relevant field.	Yes	Yes	Yes
6.	Turnover of at least last three years	Yes	Yes	Yes
7.	Required Bid Security is attached.	Yes	Yes	No
8.	Bid is signed, named and stamped by the authorized person of the firm along with Authorization letter.	Yes	Yes	Yes
9.	Any other factor deemed to be relevant by the procuring agency subject to provision of Rule-44	N/A	N/A	N/A
10.	Qualified/ disqualified	Qualified	Qualified	Disqualified

  
(Khuwaja Muhammad Ahmed)  
Accounts Officer (E&M-Sew)  
Member / Secretary

  
(Saif-ul-Haque)  
Additional Director Internal  
Audit – KMC Member

  
(Maqsood Ahmed Shaikh)  
Superintending Engineer (KMC)  
Member

  
(Manzoor Ali Khatri)  
S.E (TPs Circle)  
Members

  
04/05/17  
(Saleem Ahmed)  
Director (Design & Estimate)  
Convener

Method of Procurement: Single Stage Single Envelope.

Name of Work: REHABILITATION / REPLACEMENT OF DEFECTED SEWERAGE SYSTEM 12", 8" DIA RCC PIPE AT TP-II MEHMOODABAD INCLUDING DE-SILTING OF 12" DIA BADLY SILTED SEWERAGE LINE AT TP-II MEHMOODABAD

**MINUTES OF BID OPENING MEETING.**

A meeting of the procurement committee of this department was held on 04-05-2017 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders.


**(Attendance sheet is enclosed).**


2. Three bidders submitted their bids till the deadline of submission.
  - i. M/s. Orange Star Executors
  - ii. M/s. Aqeel Enterprises
  - iii. M/s. Serena Enterprises
3. The bids were opened at 2:30 P.M in the presence of the above mentioned participants and the rates quoted by bidders were read aloud and encircled by Chairman of the Procurement Committee.

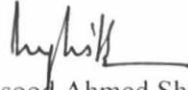
S. No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
1.	M/s. Orange Star Executors	Rs.9,77,038.35	Rs.20,000/-	P.O # 03377351 dt: 27-04-2017 from Meezan Bank Gulberg Branch Karachi
2.	M/s. Aqeel Enterprises	Rs.9,83,520.44	Rs.20,000/-	P.O # 03377350 dt: 27-04-2017 from Meezan Bank Gulberg Branch Karachi
3	M/s. Serena Enterprises	Not Quoted	-	Pay Order not attached

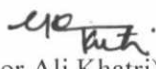
4. The bids do not contain any cutting or overwriting.
5. The committee shall examine all the bids as per the qualification / eligibility criteria provided in the bidding document and verify the documents and bid security submitted by the bidders (if required).

The meeting ended with the vote of thanks to and from the chair.

  
(Khuwaja Muhammad Ahmed)  
Accounts Officer (E&M-Sew)  
Member / Secretary

  
(Saif-ul-Haque)  
Additional Director Internal  
Audit – KMC Member

  
(Maqsood Ahmed Shaikh)  
Superintending Engineer (KMC)  
Member

  
(Manzoor Ali Khatri)  
S.E (TPs Circle)  
Members

  
(Saleem Ahmed)  
Director (Design & Estimate)  
Convener

## COMPARATIVE STATEMENT

**Name of Work: REHABILITATION / REPLACEMENT OF DEFECTED SEWERAGE SYSTEM 12", 8" DIA RCC PIPE AT TP-II MEHMOODABAD INCLUDING DE-SILTING OF 12" DIA BADLY SILTED SEWERAGE LINE AT TP-II MEHMOODABAD**

Item No	Description of Work	Estimated Cost				M/s.Orange Star Executor		M/s.Aqeel Enterprises	
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount
1	Scarifying the existing road surface	2580.00 Sft	116.16	%Sft	2,996.93	116.00	2,992.80	120.00	3,096.00
2	Dismantling and removing road metalling etc.	2580.00 Cft	605.00	%Cft	15,609.00	605.00	15,609.00	608.00	15,686.40
3	Excavation for pipe line in trenches and pits in all kind of soils of murum i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joints holes and disposal of surplus earth within one chain as directed by Engineer Incharge providing fence guards, lights, flags sand temporary crossing for non-vehicular traffic wherever required lift upto 5 ft (1.52 m) and lead upto one chain (30.5m). Lift 0' - 5'ft	5160.00 Cft	4650.00	%0Cft	23,994.00	4645.00	23,968.20	4650.00	23,994.00
4	Excavation for pipe line in trenches and pits in Wet Soils, clay or mud i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joints holes and disposal of surplus earth within one chain as directed by Engineer Incharge providing fence guards, lights, flags sand temporary crossing for non-vehicular traffic wherever required lift upto 5 ft (1.52 m) and lead upto one chain (30.5m). Lift upto 0' to 5'	5160.00 Cft	5400.00	%0Cft	27,864.00	5400.00	27,864.00	5410.00	27,915.60
5	Providing & Laying of RCC Pipes with Rubber Ring Joint and fitting in trench including cutting, fitting, jointing with rubber ring i/c testing with water to specified pressure. 12" Dia Pipe	520.00 Rft	367.00	P/Rft	190,840.00	366.00	190,320.00	368.00	191,360.00
	08" Dia Pipe	408.00 Rft	206.00	P/Rft	84,048.00	206.00	84,048.00	208.00	84,864.00

  
Addl. Dir.  
Internal Audit-KMC  
(Member).

  
S.E. (KMC)  
(Member)

  
Director D/E  
Convener/Chirman

  
S.E. (E&M) SEW  
(Member)

  
A.O. (E&M) SEW  
(Member/Secretary)

**Name of Work: REHABILITATION / REPLACEMENT OF DEFECTED SEWERAGE SYSTEM 12", 8" DIA RCC PIPE AT TP-II MEHMOODABAD INCLUDING DE-SILTING OF 12" DIA BADLY SILTED SEWERAGE LINE AT TP-II MEHMOODABAD**

Item No	Description of Work	Estimated Cost				M/s.Orange Star Executor		M/s.Aqeel Enterprises		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
6	Providing manhole 4' feet (inside) and 5 feet clear depth with C.I Frame (15 Kg) cast in situ with 1:2:4 CC in 9" thick wall, 1:4:8: C.C in 6ft dia and 6" inch thick in foundation 1:2:4 C.C in benching 12" thick cement plastering with 1:3 C.M on all inside wall surfaces, channel and benching i/c making required nos of main and branch channels, 3/4" dia m.s foot rest @12" c/c i/c cost of excavation in all kinds of soil, backfilling and disposal of excavated stuff etc complete as per design and instruction of engineer incharge.	16.00	Nos	14529.29	Each	232,468.64	14529.00	232,464.00	14530.00	232,480.00
7	Full hire charges of pumping set per day i/c of wages of driver and assistant fuel or electric energy platform for placing the pump etc at lower depth with suction and delivery pipes for pumping out water found at various depth from trenches including the cost of erection and dismantling after completion of the job. Hire charges of pumping set upto 10 HP pumping out water from 10 ft deep trench	16.00	Days	1500.00	P/Day	24,000.00	1500.00	24,000.00	1550.00	24,800.00
8	Making connection with the existing manhole including the cost of cutting hole in wall, making them good in C.C 1:2:4 and making the required channel etc. complete	20.00	Nos	180.00	Each	3,600.00	178.00	3,560.00	180.00	3,600.00
9	Manufacturing and supplying of RCC Ring Slab of 21" dia (inside) and 36" dia outside 7.5" width and 6" thick i/c 3/8" dia tor steel bars two concentric rings with 3/8" dia 8 Nos cross linked bars welded and two sunk type hooks, casted in 1:1 1/2:3 concrete with embedded 15 Kg C.I Frame in perfect position i/c transportation charges for an average lead of 20 Km per trip from casting yard to town office. (A minimum of 25 slabs per trip will be transported.	20.00	Nos	1906.60	Each	38,132.00	1906.00	38,120.00	1910.00	38,200.00

**A.O. (E&M) SEW**  
(Member/Secretary)

**S.E. (KMC)**  
(Member)

**Addl. Dir.**  
**Internal Audit-KMC**  
(Member)

**Director D/E**  
Convener/Chairman

**S.E. (E&M) SEW**  
(Member)



**Name of Work: REHABILITATION / REPLACEMENT OF DEFECTED SEWERAGE SYSTEM 12", 8" DIA RCC PIPE AT TP-II MEHMOODABAD INCLUDING DE-SILTING OF 12" DIA BADLY SILTED SEWERAGE LINE AT TP-II MEHMOODABAD**

Item No	Description of Work	Estimated Cost				M/s.Orange Star Executor		M/s.Aqeel Enterprises	
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount
10	Shifting to the site and Fixing of 36" dia Ring Slab in perfect position on damaged manholes i/c cutting of the position of damaged manhole in layer of C.M in 2" thickness and disposal of debris.	20.00 Nos	563.09	Each	11,261.80	563.00	11,260.00	565.00	11,300.00
11	Manufacturing and supplying of 21" dia RCC Manhole covers cast in situ 1:2:4 concrete ratio 3" deep at centre, reinforced with 1/2" dia tor steel bars at 4" C/C welded to a 3/16" thick 2" wide M.S plate two hook of 3/8" dia tor bar including compacting i/c cutting and transportation within 10 miles. 21" dia cover.	36.00 Nos	913.63	Each	32,890.68	913.00	32,868.00	915.00	32,940.00
12	Sand Haro or any other source sand of same modulus of the fineness (Hill Sand)	4692.00 Cft	2425.00	%Cft	113,781.00	2424.00	113,734.08	2450.00	114,954.00
13	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete.	8208.00 Cft	2760.00	%0Cft	22,654.08	2760.00	22,654.08	2760.00	22,654.08
14	Carriage of 100 Cft / 5 Tons of all materials like stone aggregate, spawl, coal, lime, surkhi etc B.G Rail fastening points and crossing bridges, Girders, pipes sheet Rail, M.S Bars etc. or 1000 Nos bricks, 10"x 5"x3" or 1000 Nos: tiles, 12" x6"x2" or 150 Cft of timber or 100 Maunds of fuel wood by trucks or any other means owned by the Contractors. Carriage for 05 Miles and subsequent mile	7257.17 Cft	714.29	%Cft	51,837.24	714.00	51,816.19	715.00	51,888.77

  
A.O. (E&M) SEW  
(Member/Secretary)

  
S.E. (KMC)  
(Member)


  
Add. Dir.  
Internal Audit-KMC  
(Member).

  
Director D/E  
Convener/Chairman

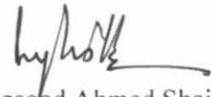
  
S.E. (E&M) SEW  
(Member)

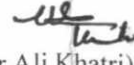
**Name of Work: REHABILITATION / REPLACEMENT OF DEFECTED SEWERAGE SYSTEM 12", 8" DIA RCC PIPE AT TP-II MEHMOODABAD INCLUDING DE-SILTING OF 12" DIA BADLY SILTED SEWERAGE LINE AT TP-II MEHMOODABAD**

Item No	Description of Work	Estimated Cost				M/s.Orange Star Executor		M/s.Aqeel Enterprises		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
15	Cleaning inside Sewerage line completely restoring original silt free space / diameter of pipe lines by labour and equipment (Mechanically / Electrically driven). Including accessories like pulley's steel rope, buckets and draggers sizing from 6" to 18" dia their "to and fro" pulling action (No of passes shall be as many as required) would be undertaken in two phases (First phase entire length from down stream to up stream) bringing down peak hours sewage to flow inside pipe line (as free flow) and in 2nd phase from up stream to down stream of entire length using no silt to observed in bucket (6" dia to 18" dia) except only sewage water finally passing a ball of 12" lesser then the diameter of pipe but no exceeding 48" dia ball even for larger dia pipe to ensure perfect cleaning. The job including all the hire / cost of equipment and accessories of above wincing machine / devises alongwith / Engine with winching drum set having, steel rope pulley mounted over it, steel bucket 6" to 18" dia hocks and other protection like safety barriers, traffic signs, traffic cones ensuring no damages to pipe line alongwith ensuring safety to labourand other public property / lives and removla of silts / solid during desilting and clearance of site etc complete as per full satisfaction of site Engineer. 12" dia	1272.00	Rft	80.50	P/Rft	102,396.00	80.00	101,760.00	82.00	104,304.00
<b>TOTAL QUOTED / CORRECTED COST</b>						<b>978,373</b>		<b>977,038</b>		<b>984,037</b>

  
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 Superintending Engineer (KMC)  
 Member

  
 (Manzoor Ali Khatri)  
 S.E (TP's Circle)  
 Member

  
 (Saleem Ahmed)  
 Durectir (Design & Estimate)  
 Convener



# ATTENDANCE SHEET

SUB:- Rehabilitation/Replacement of Defected Sewerage




System 12 Edge Hill Ave. at D.D. Rehabilitation Site.  
Disabling of 12" old badly silted sewer line at D.D.

VENUE:- DIRECTOR DESIGN & ESTIMATE AT NEAR COD HILL FILTER PLANT KW&SB.

*Mohamed*

DATE:- 04.05.2017 TIME 2.30 PM SPPRA SR # 32227.

## CONTRACTORS/FIRM/BIDDER

<u>SR.NO</u>	<u>NAME OF FIRM/BIDDER</u>	<u>CONTACT NO</u>	<u>SIGNATURE</u>
<u>01</u>	<u>Aqeed Enterprise.</u>	<u>03008999606.</u>	
<u>02</u>	<u>SERENA ENTERPRISES</u>	<u>03343918667</u>	
<u>03</u>	<u>Orange Star Builders</u>	<u>03332192143</u>	

# KARACHI WATER AND SWERAGE BOARD

## OFFICE OF THE EXECUTIVE ENGINEER CIVIL E&M-SEW/STP-II

### BILL OF QUANTITY

NAME OF WORK: REHABILITATION / REPLACEMENT OF DEFECTED SEWERAGE SYSTEM 12" DIA & 8" DIA R.C.C PIPE AT TP-II MEHMOODABAD INCLUDING DE-SILTING OF 12" BADLY SILTED SEWERAGE LINE AT TP-II MEHMOODABAD.

	Description of Work	Qty	Rate Rs	Per	Total (Rs)
1	Scarifying the existing road surface	2580sft	116/	% sft	2992,80
2	Dismantling and removal road matling	2580cft	605/	% cft	15609-0
3	Excavation for pipe line in trenches and pits in all kinds of soils of murmur including trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within a one chain as directed, providing fence guards, lights, flags, temporary crossing for non-vehicular traffic where ever required lift upto 5' and lead upto one chain. 0' to 5'	5160 ft	4645/	%0 cft	23968,2
4	Excavation for pipe line in trenches and pits in wet soils, clay or mud including trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within a one chain as directed, providing fence guards, lights, flags, temporary crossing for non-vehicular traffic where ever required lift upto 5' and lead upto one chain. 0' to 5'	5160 ft	5400/	%0 cft	27864-
5	Providing & laying of RCC pipe with rubber ring joints and fitting in trenches including cutting, fitting and jointing with rubber ring i/c. testing with water to specified pressure. 12 " dia pipe 8 " dia pipe	520 Rft 408 Rft	366/ 206/	P/Rft P/Rft	190320. 84048.
6	Providing manhole 4 ft dia (inside) and 5ft clear depth with C.I frame (15 kg) cast in situ with 1:2:4 C.C in 9" thick wall, 1:4:8 C.C in 6ft dia and 6" inch thick in foundation 1:2:4 C.C in benching, 1/2" thick cement plastering with 1:3 C.M on all inside wall surfaces, channel and benching i/c making required Nos of main and branch channels, 3/4" dia M.S footrest @ 12" c/c i/c cost of excavation in all kinds of soil, back filling and disposal of excavated stuff etc complete.	16Nos.	14529/	Each	232464.

S.	Description of Work	Qty	Rate Rs	Per	Total (Rs)
7	Full hire charges of pumping set per day inclusive of wages of driver and assistant fuel electric energy plates etc at lower depth with suction and delivery pipes for pumping out water found at various depth from trenches i/c. the cost of erection and dismantling after completion of job of above set of 10 HP pumping out of water from 10' deep trenches.	16days	1500/-	p/day	24000.00
8	Making connection with the existing manhole i.c the cost of cutting holes in wall, making them good in C.C 1:2:4 and making required channel etc	20Nos.	178/-	each	3560.00
9	Manufacturing & supplying of RCC Ring slabs of 21" dia (inside) 36" dia out sides), 7.5 width and 6" thick i/c. 3/8" dia tor steel bars two concentric rings with 3/8" dia 8 Nos cross linked bars welded and two sunk type hooks casted in 1:1 1/2" 3 concrete with embedded 15 kg C.I frame in perfect position i/c. transportation charges for an average lead of 20 km per trip from casting yard to town office (A minimum of 25 slabs per trip will be transported).	20Nos.	1906/-	each	38120.00
10	Shifting to the site and fixing of 36" dia (outer) Ring slab in perfect position on damaged manholes i/c. cutting of damaged portion of manhole in proper shape and laying of cement mortar of 2" thickness and disposal of the dbris.	20Nos.	563/-	each	11260.00
11	Manufacturing & supplying of RCC manhole covers cast in 1:2:4 cement concrete ratios 3" deep at center reinforced with 1/2" dia tor steel bars @4" c/c welded to a 3/16" thick 2" wide M.S plate and two hook of 3/8" dia tor bars including compacting, curring and transportation within 10 miles. 21" dia	36Nos.	913/-	each	32868.00
12	Sand Haro or any other source sand of same modulus of the fineness (hill sand).	4692cft	2424/-	% cft	113734.00
13	Refilling the excavated stuff in trenches 6" thick layer i.c watering ramming to full compaction etc.	8208cft	2760/-	%0 cft	22654.00
14	Carriage of 100 cft 5 ton of all materials like stone aggregate, spawl coal, lime, surkhi etc. B.G rail fastening points and crossing bridges, girders, pipe sheet rail, M.S bars etc. or 1000 Nos tiles 12 x 6"x2" or 150 cft of timber or 100 maunds of fuel wood by trucks or any other means owned by the contractors. Carriage for 5 th mile.	7257.17 cft	714/-	% cft	51816.10

S. Description of Work	Qty	Rate Rs	Per	Total (Rs)
Cleaning inside sewerage line completely restoring original silt free space / diameter of pipe line by labor and equipment (mechanically / electrically driven) i.e accessories like pulleys, steel ropes, buckets and dredgers sizing from 6 " to 18" dia their to and from "pulling action(No of passes shall be as many as required) would be under taken in two faces(1st phase entire land to downstream to upstream) bringing down peak hours sewerage to flow inside pipe line as free flow) and in 2 <sup>nd</sup> face from upstream to downstream of entire length insuring no silt is observed in buckets (6" dia to 18" dia except only sewerage water and finally passing a steel ball of dia 12" less than the diameter of pipe. But no exceeding 48" dia ball even for larger dia of pipe to insure perfect cleaning. The job i/c all the hire / cost of equipment and accessories of above winching machine / devises along with / engine with winchig drum sets having steel rope, pulley mounted over it, steel bucket from 6" dia to 18" dia hocks and other protection like safety barriers, traffic signs, ensuring no damage to pipe line along with ensuring safety to labour and other public property / lives and removal of silt / solid during desalting and clearance of site etc complete.12" dia Pipe	1272Rft	80	P/Rft	101,760.

Total amount Rs. 9,77,038.35

*[Signature]*  
 Executive Engineer Civil/  
 STP-II KW&SB

I/we hereby quoted Rs: 9,77,038.35 for execution of above mentioned work and bind to comply the rules of KW&SB

*[Signature]*  
 Signature of Contractor  
 With name of the firm

1-Terms/Conditions enclosed in sealed Cover and open by Tender Opening Committee.  
 2-No cutting or overwriting found/cutting overwriting found.  
 Contractor has enclosed Earnest money amount pay order Rs: 2,00,000/-  
 No. 03322351 Dt: 22/4/22  
 In: M/s. Orange Star Executor's  
 Director M/s: M/s. Orange Star Executor's  
 Quoted Rs: 9,77,038.35  
 Res: M/s. Sec. Security, Sec. Hapur

M/s. Orange Star Executor's

Thirty eight  
 Rs. Fifty five

A.O. (E&M) SEW  
 Member (Secretary)

*[Signature]*  
 S.E. (E&M) SEW  
 (Member)

*[Signature]*  
 S.E. (E&M)  
 (Member)

*[Signature]*  
 Addl. Dir.  
 Internal Audit-KMC

*[Signature]*  
 Director D/E  
 Convenor (Chairman)