

MUNICIPAL COMMITTEE DASKA

REHABILITATION OF 36" I/D DAMAGED SEWER LINE ALONG STADIUM ROAD IN DASKA CITY

Technical Evaluation – Summary

A. Overall Eligibility Criteria

Category	Description	Requirement	Bidder's Name		
			M/S Four Star Naru Cons. CO.	M/S Nazeer Ahmed & Brothers	M/S SA4 Cons. CO.
Legal	Duly licensed by the Pakistan Engineering Council (PEC) in the category C4 & Above with relevant code CE-01 & CE-09. In case of Joint Venture, the Lead partner must be registered in the category C4 & Above with the relevant code and the other member/s should at least have registration from PEC. No foreign Firm(s) is allowed to participate whether as Single entity or Lead member of JV.	Mandatory	C2	C1	C2
	The bidder shall not have conflict of interest in the instant work. All the bidders found to have conflict of interest shall be considered as non-responsive.	Mandatory	✓	✓	✓
	Valid legal entity of the bidder / firm/ company e.g. Certificate of registration from SECP or registrar of firms etc.	Mandatory	✓	✓	✓
	Certificate of registration with active Income Tax & active Sales Tax under Relevant Authority.	Mandatory	✓	✓	✓
	Affidavit on Non-Judicial Stamp paper for No litigation OR submission of Litigation History of last 10 years.	Mandatory	✓	✓	✓
	Affidavit declaring "Neither the firms nor its Directors, Stakeholders, as a whole or as a part of the firm have ever been black listed/ defaulted by any government agency / department / organization / Donors or settled dispute in plea bargain or Volunteer recovery".	Mandatory	✓	✓	✓
	Bid Properly signed	Mandatory	✓	✓	✓
	Bid Security	Mandatory	✓	✓	✓
	Signed Integrity Pact	Mandatory	✓	✓	✓
Bid Responsiveness			Responsive	Responsive	Responsive



B. Overall Technical Evaluation Result

Sr. No.	Category	Total Marks	Bidder's Name		
			M/S Four Star Naru Cons. CO.	M/S Nazeer Ahmed & Brothers	M/S SA4 Cons. CO.
1	Financial Soundness	30	22.5	22	0
2	General & Relevant Experience	45	45	35	35
3	Personnel Capabilities	15	15	15	15
4	Equipment Capabilities	10	9	7	6
TOTAL OBTAINED MARKS		100	91.5	79	56
STATUS			PASS	PASS	FAIL

Note: The applicants must score total 65 marks and at least 50 % marks in each category, to qualify.



Punjab Cities Program

Detailed Design of Infrastructure Sub-Projects, Sectoral
Planning & Resident Supervision in 16 Cities of Punjab

MMP

MMPakistan (Pvt) Ltd.

Ref: MMP/PMDFC/1074/COM/ 887 /2023
Date: 15 August, 2023



Urban and Infrastructure
Department, CTI Building
27-Empress Road Lahore
mmpdcc@mmpakistan.com
042-36300460,
36363234, 36292525-7
042-36292528, 36360267
http://www.mmpakistan.com

Chief Officer
MC Daska
Lahore, Pakistan.

**Subject: FINANCIAL EVALUATION REPORT FOR PROJECT "REHABILITATION OF 36" SIZE
DAMAGED SEWER LINE ALONG STADIUM ROAD IN DASKA CITY-PACKAGE I**

Dear Sir,

Financial Bids were opened on 07-08-23 in the presence of consultant in M.C Daska for the following project.

- REHABILITATION OF 36" SIZE DAMAGED SEWER LINE ALONG STADIUM ROAD

Two (2) Nos. of financial bids were received from MC Daska

To assist MC in preparation of financial evaluation report as required under the consultancy contract, we have prepared the enclosed report for your further verification and necessary action, please.

We are also sending along the original financial bids through courier.

Regards,

Team Leader/CRE
Package I-PCP

Mo (085)
For info and report
16/08/2023

CC:

- Zahid Aziz, PD, PMDFC
- Mr. Iftikhar Rasool, DPD, PMDFC
- Dr. Javed Iqbal, Project Director, MMP
- M. Affan Munir, Project Coordinator, MMP
- Mr. Muhammad Rafiq Contract Engineer, MMP
- Mr. Zubair Qadir Field Coordinator
- Master File MMP - PCP

Encl:

- Bid Receiving letter
- Financial Evaluation Report
- Cost Estimate
- Financial Bid (Original Copy)

Page 1 of 1



Registered in Pakistan no K-527/9363
Offices:
Lahore, Karachi, Islamabad, Peshawar, Hyderabad

(36" DASKA)

بلدیہ مستحکم - پنجاب مستحکم



**OFFICE OF THE MUNICIPAL
COMMITTEE DASKA**

Email: mcdaska4@gmail.com

No. MO (I&S)/MCD/227 Dated: 07-08-2023

To,

**Team Leader MMP
Package-1, PCP**

Subject: - **HANDING OVER OF COPIES OF FINANCIAL BIDS OF TENDERS**

Reference to this office earlier letter No. MO (I&S)/MCD/225 Dated: 04-08-2023 regarding opening of financial bids of the project titled "*Rehabilitation of 36" I/D damaged sewer line along stadium Road in Daska City*"

The Copies of financial bids is submitted herewith for Financial Evaluation and further necessary action.

An early action will be highly appreciated.

**Municipal Officer (I&S)
Municipal Committee Daska**

07/08/23

CC:-

1. The Administrator, MC Daska
2. The Chief Officer, MC Daska

Municipal Committee Daska

Financial Evaluation for Rehabilitation of 36" I/D Damaged Sewer Line along Stadium Road in Daska

Sr. No.	Sub Heads	Description of Items	Estimated Cost (PKR)	M/S Four Star Naru Construction Co.	M/S Nazeer Ahmed & Brothers Partner	
			Amount (PKR)	Amount (PKR)	Amount (PKR)	
1	SUB HEAD NO.1	Replacement of damaged 36" i/d Sewer line with new 36" i/d Under water Sewer line.	24404695.84	25086470.91	24981564.30	
2	SUB HEAD NO.2	Construction of Manhole Chambers 6.5' DIA 14.14' Average depth for 36" i/d under water Sewer.	5019669.23	5089685.40	5103939.97	
5	SUB HEAD NO.3	Construction of RCC Sullage Carrier from Disposal works to existing drain along stadium road.	4548475.52	4560179.09	6510572.38	
6	SUB HEAD NO.4	Construction of RCC Sullage Box Culvert for Stadium road crossing.	1243702.71	1238755.99	1244389.49	
7	SUB HEAD NO.5	Construction of Stadium Road	30727884.52	30917910.00	34007611.65	
8	SUB HEAD NO.6	Electrical Works of Stadium Road	2098424.60	2596645.00	2098424.60	
9	SUB HEAD NO.7	Desilting of Existing Sullage Carrier/Storm Water Drain	1229382.34	1375995.07	1229382.34	
10	SUB HEAD NO.8	Tuff Pavers in Disposal Station	4296304.02	4437888.75	4296304.02	
11	SUB HEAD NO.9	Sewer House Connections	889814.61	927534.54	889814.61	
12	SUB HEAD NO.10	Environmental & Social Management & Monitoring Plan	559000.00	2250000.00	0.00	
Discount Offered				-329620.47	-	
Total PKR			75017353.39	78151444.28	80362003.35	
Total PKR (Million)			75.02	78.15	80.36	
				Above Estimated Cost	4.18%	7.12%



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Sr.No.	Description of Items	Quantity	Unit	Estimated Cost (PKR)		M/S Four Star Naru Construction Co.		M/S Nazeer Ahmed & Brothers Partner		
				Rate (PKR)	Amount (PKR)	Rate (PKR)	Amount (PKR)	Rate (PKR)	Amount (PKR)	
1	Dismantling and removing road pavement, etc., including screening and stacking of byproducts into one chain lead (30 metre).	5478	Cft	100	2988.7	163720.986	2989	163737.42	3100	169818
2	Earthwork excavation in open cutting for sewers and manholes as shown in drawings including shuttering and timbering, dressing to correct section and dimensions according to templates and levels, and removing surface water, in all types of soil except stingle, gravel and rock- 0 to 7.0 ft Depth	57750	Cft	1000	12926.85	746525.5875	9220	532455	14500	837375
3	Earthwork excavation of trenches in open cutting for sewers and manhole chambers, etc. below sub-soil water level to correct section and dimensions according to templates and levels, including shoring, timbering and shuttering of M.S.sheets on both sides of the trenches:	30800	Cft	1000	19011.55	585555.74	14000	431200	18000	554400
	i) 0 ft. to 4.0 ft. (0 to 1.20 m) depth below SSWL. ii) 4.01 ft. to 8.0 ft. (1.22 to 2.4 m) depth below SSWL.	28226	Cft	1000	24590.85	694101.3321	17510	494237.26	29000	818554
4	Lowering of sub-soil water table, by installation of tube wells along sewer line and pumping out water, for excavation in open cutting below sub-soil water level, concreting, curing, laying and jointing pipes, filling haunches, etc. till the completion of sewer line, including disposal of pumped out water:-	1400	Rft	1	5288.2	7403480	5525	7735000	5300	7420000
	7) 0-7 ft. (0 to 2170 mm) below SSWL									

Providing and laying crushed stone aggregate of 1/4" to 1" gauge under and around the sewer pipe, including leveling, manual compaction, complete in all respects.	20111.9	Cft	100	9350.4	1880543.098	9770	1964932.63	9700	1950854.3
Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):-	2965.79	Cft	1	528.35	1566975.147	552	1637116.08	500	1482895
(a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc. and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects:-									
RCC blocks Type B (nominal mix 1: 1½: 3)									
(a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc. and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects:-	789.84	Cft	1	528.35	417311.964	552	435991.68	500	394920
(2) Type B (nominal mix 1: 1½: 3)									
Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-	8094.03	Kgs	100	31589.55	2556867.654	33010	2671839.303	32500	2630559.75
(b) Deformed bars (Grade-40) 3755.63 x 4.75 = 17839.25									

	Providing laying cement sand Slurry ratio 1:1:1 well compacted through wibrator between Rcc sewer pipe and Rcc block to blind the joint of both pipe up to half of pipe. Rate also includes the Providing ,mixing Concrete admixture Sika Rapid in the cement for rapid setting with labour @ 1 litter per bag of cement to be used. Complete in all respect to the Engineer Incharge .(Analysis attached)	489.87	Cft	1	637	312047.19	850	416389.5	637	312047.19
	Pan concrete to be poured in the cavity of RCC block up to half of sewer pipe 36" i/d									
8	Providing and laying R.C.C. pipe sewers, moulded with cement concrete 1:1½:3 conforming to ASTM Specification C-76-20, Class II. Wall B, including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc., complete.	1448	Rft	1	4341.45	6286419.6	4536	6568128	4536	6568128
	ix) 910 mm (36") i/d									
9	Rehandling of earthwork: b) Upton a lead of 50 ft. (15 m).	24393	Cft	1000	2798.4	68261.3712	2923	71300.739	3500	85375.5
	a) Lead up to a single throw of Kassi, phaorah or shovel	24393.23	Cft	1000	3917.75	95566.57683	4094	99865.88362	3500	85376.305
	b) Upton a lead of 50 ft. (15 m).									
10	Supplying and filling sand under floor, or plugging in wells.	31152	Cft	100	2986.4	930323.328	3120	971942.4	3120	971942.4
	Sand filling at trench top									
11	compaction of earthwork c) Ramming earthwork (all types of soil).	48786.47	Cft	1000	1679.05	81914.92245	1755	85620.25485	1750	85376.3225
	Qty as per item No.									

	Making connection of 36" i/d RCC Sewer with man hole chambers by dismantling of brick masonry, RCC core wall at desired depth and its restoration in original condition. Complete in all respect to the entire satisfaction of the Engineer In Charge.	2	Job	1	8000	16000	50000	100000	7500	15000
	At upper & lower ends i/d = 2 Job = 36"									
13	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (Lead table attached)	3154.73	Cft	100	11004.4	347159.1081	9855	310898.6415	11000	347020.3
	Lead up to 170 K.m from Karana quarry Sargodha District .									
14	Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft.(300 m) Lead up to 3 mile	54391.63	Cft	1000	7532.2	409688.6355	10500	571112.115	7532.2	409688.6355
	a) up to ¼ mile(400 m)=									
	b) for every 330 ft.(100 m) additional lead or part thereof, beyond ¼ mile (400m) up to mile(1.6 Km)									
	for every ¼ mile(400 m) additional lead or part thereof, beyond one mile(1.6 Km) up to 5 mile(8 Km).									
15	Deduct cost of old material (Stone ballast)	4382.4	Cft	100	3600	-157766.4	4000	-175296	3600	-157766.4
	Total (PKR)					24404695.84		25086470.91		24981564.3

M/S Nazeer Ahmed & Brothers
Partner

M/S Four Star Naru
Construction Co.

Description of Items					Quantity	Unit	Rate (PKR)	Amount (PKR)	Rate (PKR)	Amount (PKR)			
<p>2. Man hole under water</p> <p>1. Dismantling and removing road metalling.</p>													
					102.31	Cft	100	2238.7	2290.41397	2989	3058.046	2300	2353.13
2					920.76	Cft	1000	12926.85	11902.52641	9220	8489.407	12926.85	11902.52641
3					491.07	Cft	1000	19011.55	9336.001859	14000	6874.98	19011.55	9336.001859

	timbering and shuttering of M.S. sheets on both sides of the trenches:									
	i) 0 ft. to 4.0 ft. (0 to 1.20 m) depth below SSWL.									
	ii) 4.01 ft. to 8.0 ft. (1.22 to 2.4 m) depth below SSWL.	460.38	Cft	1000	24590.85	11321.13552	17510	8061.254	24590.85	11321.13552
	Lowering of sub-soil water table, by installation of tubewells along sewer line and pumping out water, for excavation in open cutting below sub-soil water level, concreting, curing, laying and jointing pipes, filling haunches, etc. till the completion of sewer line, including disposal of pumped out water:-	12.5	Cft	1	5288.2	66102.5	5525	69062.5	5288.2	66102.5
	8) 0-8 ft. (0 to 2480 mm) below SSWL									
5	Providing and laying crushed stone aggregate of 1/4" to 1" gauge under and around the sewer pipe, including leveling, manual compaction, complete in all respects.	122.77	Cft	100	9350.4	11479.48608	9770	11994.63	9350.4	11479.48608

Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, sh uttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):-

(a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects:-

194.07	Cft	1	528.35	102536.8845	552	107126.6	552	107126.64
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	(2) Type B (nominal mix 1: 1½: 3)									
	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (a) Plain bars (b) Deformed bars (Grade-40)	528.65	Kg	100	31979.3	169058.5695	33006.72	174490	31979.3	169058.5695
8	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:3 (Ch: 7 It. 7)	347.96	Cft	100	36080.05	125544.142	37700	131180.9	36080.05	125544.142
9	Add extra labour on item No. 7, for every 10ft.(3 m) additional height, or part thereof. 10-20 Height Hight above = 10ft	22.73	Cft	100	1502.15	341.438695	1570	356.861	1502.15	341.438695
10	Extra for pacca brick work in steining of wells or any other circular masonry. Quantity as per item No	347.96	Cft	100	3094.8	10768.66608	2000	6959.2	3094.8	10768.66608

8.00 Total = 347.96										
	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 1/2:3	66.72	Cft	100	44460.6	29664.11232	46461	30998.78	44460.6	29664.11232
	(c) Ratio 1: 1/2:3									
	(f) Ratio 1: 2: 4	3.04	Cft	100	38880.6	1181.97024	40630	1235.152	3880.6	117.97024
12	Extra for making and finishing benching floor work in manhole chamber, with 1/8" (3 mm) thick cement finish	63.84	Sft	100	3168.4	2022.70656	3310	2113.104	3168.4	2022.70656
13	Providing and fixing 1¼"x1¼"x3/16" (31x31x5 mm) angle iron step, in manhole chambers, including carriage and setting the same in work to correct lines and levels .	8	No	1	614.75	4918	642	5136	1000	8000
14	Cement plaster 1:2 upto 20' (6.00 m) height:- b) ½" (13 mm) thick) outside the man hole	374.28	Sft	100	4127.15	15447.09702	4313	16142.7	4500	16842.6
15	Bitumen coating to plastered or cement concrete surface:-ii) 14 lbs. per 100 Sft. (6.35 Kg	374.28	Sft	100	1419.2	5311.78176	1483	5550.572	1500	5614.2

per Sq.m). outside the man hole chamber									
Cement pointing struck joints, on walls, upto 20' (6.00 m) height:-a) ratio 1:2	154.26	Sft	100	3843.7	5929.29162	4016	6195.082	4000	6170.4
In side the man hole									
Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	1	No	1	16086.6	16086.6	16800	16800	18000	18000
Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	221.75	Cft	100	11004.4	24402.257	9850	21842.38	11000	24392.5
Lead upto 170									
K.m from Karana quarry Sargodha District Sargodha.									
Rehandlring of earthwork:a) Lead upto a single throw of Kassi,	102.67	Cft	1000	2798.4	287.311728	2923	300.1044	3000	308.01

phaorah or shovel a) Lead upto a single throw of Kassi, phaorah or shovel									
Supplying and filling sand under floor; or plugging in wells.	71.24	Cft	100	2986.4	2127.51136	3120	2222.688	2986.4	2127.51136
Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) Lead upto 3 mile	311.31	Cft	1000	7532.2	2344.849182	10580	3293.66	7532.2	2344.849182
a) upto ¼ mile (400 m). = 1.00 x 0 = 0.00 Rs									
b)for every 330 ft.(100 m)additional lead or part thereof, beyond ¼ mile(400 m)upto one mile.(1.6 Km.) = 12.00 x 0.00 =0.00 Rs.									
for every ¼ mile (400 m) additional lead or part thereof,beyond one mile(1.6 Km)upto 5 mile(8 Km). = 8.00 x 0.00 = 0.00 Rs.									
Deduct cost of old materal (Stone ballast).	81.85	Cft	100	3600	-2946.6	4000	-3274	3600	-2946.6
Total (PKR) x 8 Man Hole					5019669.227		5089685		5103939.966

No.	Description of Items	Quantity	Unit		Rate (PKR)	Amount (PKR)	M/S Four Star Naru Construction Co.		M/S Nazeer Ahmed & Brothers Partner	
							Rate (PKR)	Amount (PKR)	Rate (PKR)	Amount (PKR)
	Dismantling cement concrete reinforced, separating reinforcement from concrete, cleaning and straightening the same.	2204	Cft	100	20148.5	444072.94	21050	463942	21000	462840
	a) Dismantling cement concrete plain 1:4:8. Existing PCC (1:4:8)	450	Cft	100	6156.5	27704.25	6434	28953	6156.5	27704.25
	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8	450	Cft	100	29880.6	134462.7	27092	121914	55000	247500
	Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.): (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc. and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- (2) Type B (nominal mix 1: 1½: 3)	783.27	Cft	1	528.35	413840.7045	552	432365.04	528.35	413840.7045

(a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:-	900	Cft	1	638.5	574650	667	600300	1500	1350000
(2) Type B (nominal mix 1: 1½: 3)									
(a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:-	683.27	Cft	1	583.8	398893.026	587	401079.49	1350	922414.5
(3) Type C (nominal mix 1: 2: 4)									
Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-	7247.78	Kg	100	31979.3	2317789.31	30200	2188829.56	37500	2717917.5
('c) Deformed bars (Grade-60)									
Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Carriage for Bajri quarry Sargodha (Sikhan Wali) to site of work (Analysis Attached) 200 Km	2393.22	Cft	100	11004.4	263359.5017	11600	277613.52	11004.4	263359.5017
Lead up to 200 Km from Karana quarry District Sargodha.									
Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects.	657	Rft	1	311.85	204885.45	325	213525	500	328500

	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position. M.S Grating	537.64	Kg	100	33489.65	180053.7543	35000	188174	35000	188174
	Erection and fitting in position iron trusses, staging of water tanks, etc.	537.64	Kg	100	1449.35	7792.28534	770	4139.828	1449.35	7792.28534
10	Rehandling of earthwork a) Lead up to a single throw of Kassi, phaorah or shovel: Compaction of earthwork(soft, ordinary or hard soil):- c)Ramming earthwork (all types of soil).	1950	Cft	1000	4226.65	8241.9675	4300	8385	4000	7800
11	Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft.(300 m) Lead up to 3 mile a)up to ¼ mile(400 m) = 1 x = 0.00 b)for every 330 ft.(100 m)additional lead or part thereof, beyond ¼ mile (400m)up to one mile(1.6 = 12 x = 0.00 for every ¼ mile(400 m)additional lead or part thereof, beyond one mile(1.6 Km)up to 5 mile(8)km. = 8 x = 0.00	563.2	Cft	1000	7532.2	4242.13504	10580	5958.656	7532.2	4242.13504
						-431512.5	100	-375000	115.07	-431512.5%
		3750	Kg	1	115.07	4548475.524		4560179.094		6510572.377
12	Deduction the cost of old Steel # 4 Total (PKR)									

(a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc. and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects:-

(2) Type B (nominal mix 1: 1½: 3)

(a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:-

200

Cft

1

638.5

127700

667

133400

638.5

127700

(2) Type B (nominal mix 1: 1½: 3)

(a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:-

156.94

Cft

1

583.8

91621.572

587

92123.78

583.8

91621.572

(3) Type C (nominal mix 1: 2: 4)

6

Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-

1861.99

Kg

100

31979.3

595451.3681

30200

562320.98

31979.3

595451.3681

('c) Deformed bars (Grade-60)

	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Carriage for Bajri quarry sargodha (Sikhan Wali) to site of work (Analysis Attached)	826.5	Cft	100	11004.4	90951.366	11600	95874	11004.4	90951.366
	Lead up to 200 Km from Karana quarry District Sargodha.									
8	Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects.	341.67	Rft	1	311.85	106549.7895	325	111042.75	311.85	106549.7895
9	Rehandling of earthwork a) Lead up to a single throw of Kassi, phaorah or shovel: Compaction of earthwork(soft, ordinary or hard soil):- c)Ramming earthwork (all types of soil).	333.33	Cft	1000	4226.65	1408.869245	4300	1433.319	4226.65	1408.869245
10	Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft.(300 m) Lead up to 3 mile	957.69	Cft	1000	7532.2	7213.512618	10580	10132.3602	7532.2	7213.512618
	a)up to ¼ mile(400 m) = 1 x									
	b)for every 330 ft.(100 m)additional lead or part thereof, beyond ¼ mile (400m)up to one mile(1.6 = 12 x Km)									
	for every ¼ mile(400 m)additional lead or part thereof, beyond one mile(1.6 Km)up to 5 mile(8 = 8 x Km).									

	Deduct cost of old material Quantity take 80% after deducting the dust stone used as blinding layer. Quantity as per item No. (Stone ballast)	210.27	Cft	100	3600	-7569.72	4000	-8410.8	3600	-7569.72
12	Deduct cost of old Steel	255.22	Kg	1	115.07	-29368.1654	100	-25522	115.07	-29368.1654
Total (PKR)						1243702.713		1238755.987		1244389.488

Sr.No.	Description of Items	Quantity	Unit		Rate (PKR)	Estimated Cost (PKR)	M/S Four Star Naru Construction Co.		M/S Nazeer Ahmed & Brothers Partner	
							Rate (PKR)	Amount (PKR)	Rate (PKR)	Amount (PKR)
1	Scarifying old road surface including removal of debris within 1 chain (30 m).	22200	Sft	100	466.4	103540.8	485	107670	466.4	103540.8
2	Earthwork excavation in open cutting upto 5'-0" (1.5 m) depth for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 50 ft. (15 m) lead:-	24000	Cft	1000	9958.1	238994.4	10400	249600	9958.1	238994.4
3	Providing and laying road edging of 3" (75 mm) wide and 9" (225 mm) deep brick on end, complete in all respects.	3900	Rft	1	60.6	236340	64	249600	60.6	236340
4	Laying sub-base course of stone product of approved quality and grade including, placing, mixing, spreading and compaction of sub base material to required depth, camber and grade to achieve 98% maximum dry density determined according to AASHTO T-180 method-D, including carriage of all material to site of work complete in all respect as per specifications and as directed by the engineer incharge.	21180	Cft	100	20051.65	4246939.47	20000	4236000	20051.65	4246939.47

Providing and laying base course of crushed stone (Water Bound Macadam) of approved quality and grade including, placing, mixing, spreading and compaction of base course material to required depth, camber and grade to achieve 100% maximum modified AASHTO dry density, including carriage of all material to site of work complete in all respect as per specifications and as directed by the engineer incharge. (Crushed stone aggregate from sargodha quarry to site, actual compacted depth shall be considered for payment)	21180	Cft	100	25344.7	5368007.46	27600	5845680	25344.7	5368007.46
Providing and laying bituminous priming coat, using 10 lbs. kerosene oil and 10 lbs. binder per 100 Sft. or 0.5 Kg kerosene and 0.5 Kg binder per square meter.	48720	Sft	100	1989.1	969089.52	2075	1010940	1989.1	969089.52
Providing and laying plant premixed bituminous carpet, including compaction and finishing to required camber, grade and density.	48720	Sft	100	14406.64	7018915.00 8	13800	6723360	21500	10474800
(ABC-2 inch thick)									
(iii) 4% Bitumen									
Providing and laying plant premixed bituminous carpet, including compaction and finishing to required camber, grade and density.	48720	Sft	100	15347.14	7477126.60 8	14800	7210560	17000	8282400
(AWC-2 inch thick)									
(iii) 4.5% Bitumen									
Painting Traffic Lane Marking of specified width (1.5mm thick), with Thermoplastic (TP) Paint including Glass Beads, complete in all respect, as approved and directed by Engineer incharge.	4875	Rft	1	59.35	289331.25	60	292500	100	487500

Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope. complete in all respect. (50% Grey / 50% Coloured)	24000	Sft	1	199.15	4779600	208	4992000	150	3600000
c) 80-mm thick							30917910		34007611.6
Total (PKR)					30727884.5				5

No.	Description of Items	Quantity	Unit		Rate (PKR)	Estimated Cost (PKR)	M/S Four Star Naru Construction Co.		M/S Nazeer Ahmed & Brothers Partner	
							Rate (PKR)	Amount (PKR)	Rate (PKR)	Amount (PKR)
	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire / trenches, etc. (rate for cable only):- a) PVC insulated, PVC sheathed twin core, 250/440 volts.	2250	Rft	1	174	391500	181	407250	174	391500
	v) 7/1.12 mm (7/0.044")									
	vi) 7/1.63 mm (7/0.064")	1200	Rft	1	331.9	398280	346	415200	331.9	398280
	Supply and erection of street light pole bracket 30 mm (1¼") G.I. pipe 2 metre long, complete with 2 No. pole clamp.	20	Nos	1	2689.45	53789	2820	56400	2689.45	53789

	Supplying, installation and commissioning of LED Cobra-head Luminaries of specified wattage and lumens conforming to IP 65, Philips/Osram/Thorn with corrosion resistant die casted aluminum housing, silicon gas kit, thermally hardened glass complete with LED drivers, surge protection i/c the cost of all accessories/components required for proper operation , fully flexible for future upgradation and easy replacements formaintenance purposes, bucket elevator charges as approved and directed by the Engineer Incharge.	20	Nos	1	56211.8	1124236	58740	1174800	56211.8	1124236
	c) 120 Lm/Watt									
	(vi) 120 Watt with 14400 Lumens									
4	Supply and erection of electric energy meter, including meter testing fee, etc.	1	Nos	1	15879.6	15879.6	16595	16595	15879.6	15879.6
	b) three phase, 4 wires:									
	ii) 3x50 Amp, 400 volts									
5	Supply, Installation, Testing & Commissioning of complete grounding system:	200	Rft	1	73.7	14740	77	15400	73.7	14740
	ii) 6 mm ² CU bare conductor									

<p>Fabrication, Supply of following Light control panels (LCP), floor standing weather proof, IP 65 Rated of appropriate size, made of MS Sheet 16 SWG with hinged door, handle, catcher, 2 coats of antirust and powder coated paint of approved colour, AC3 magnetic contactor, photocell for automatic operation of lights, CBs, Hand/Off/Auto switch, push button and all necessary accessories complete in all respects. LCP shall be manufactured as per specifications, single line diagram complete in all respect up to the satisfaction of Engineer incharge.</p>	1	Nos	1	80000	80000	245000	245000	80000	80000
(a) LCP	1	Nos	1	20000	20000	266000	266000	20000	20000
(b) Same as above but three phase DB.as per SLD	1	Nos	1	20000	20000	266000	266000	20000	20000
Total (PKR)					2098424.6		2596645		2098424.6

Sr.No.	Description of Items	Quantity	Unit		Rate (PKR)	Estimated Cost (PKR)	M/S Four Star Naru Construction Co.		M/S Nazeer Ahmed & Brothers Partner		
							Rate (PKR)	Amount (PKR)	Rate (PKR)	Amount (PKR)	
1	Desilting including disposal of sludge upto one Chain (30 Meters).	39372	Cf	t	100	2280.05	897701.286	2380	937053.6	2280.05	897701.286
	b) Covered Drain										
	Storm Water Drain										
	Storm Water Drain	3276	Cf	t	100	2280.05	74694.438	2380	77968.8	2280.05	74694.438
2	Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) lead up to 2.0 miles	34118.4	Cf	t	100	7532.2	256986.6125	10580	360972.672	7532.2	256986.6125
	a) up to ¼ mile (400 m) = X 1.000 x										
	b) for every 330 ft. (100 m) additional lead or part thereof, beyond ¼ mile (400 m) up to one mile. (1.6 Km.) = 12.000 x										
	c) for every ¼ mile (400 m) additional lead or part thereof, beyond one mile (1.6 Km.) up to 5 mile (8 Km) = x 8.000 x										
Total (PKR)						1229382.336		1375995.07	2		1229382.336
											6

Sr.No.	Description of Items	Quantity	Unit		Rate (PKR)	Estimated Cost (PKR)	M/S Four Star Naru Construction Co.		M/S Nazeer Ahmed & Brothers Partner		
							Rate (PKR)	Amount (PKR)	Rate (PKR)	Amount (PKR)	
1	Compaction of earthwork (soft, ordinary or hard soil) :-	7925	Cf	t	100	1679.05	13306.47125	1750	13868.75	1679.05	13306.47125
	c) Ramming earthwork (all types of soil).										
	Laying sub-base course of stone product of approved quality and grade including, placing, mixing, spreading and compaction of sub base material to required depth, camber and grade to achieve 98% maximum dry density determined according to AASHTO T-180 method-D, including carriage of all material to site of work complete in all respect as per specifications and as directed by the engineer incharge.	5230.5	Cf	t	100	20051.65	1048801.553	20000	1046100	20051.65	1048801.553
2	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope. complete in all respect. (50% Grey / 50% Coloured) c) 80-mm thick	16240	Sft		1	199.15	3234196	208	3377920	199.15	3234196
Total (PKR)							4296304.025		4437888.75		4296304.025

Sr.No.	Description of Items	Quantity	Unit		Rate (PKR)	Estimated Cost (PKR)		M/S Four Star Naru Construction Co.		M/S Nazeer Ahmed & Brothers Partner	
						Amount (PKR)	Rate (PKR)	Amount (PKR)	Rate (PKR)	Amount (PKR)	
1	Earthwork excavation in open cutting upto 5'-0" (1.5 m) depth for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 50 ft. (15 m) lead:- Stadium Road	813.96	Cft	1000	9958.1	8105.495076	10400	8465.184	9958.1	8105.495076	
	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8	47.88	Cft	100	29880.6	14306.83128	27092	12971.6496	29880.6	14306.83128	
2	Providing and laying R.C.C. pipe sewers, moulded with cement concrete 1:1½:3 conforming to ASTM Specification C-76-20, Class II. Wall B, including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc., complete. i) 310 mm (12") i/d	132	Rft	1	756.6	99871.2	790	104280	756.6	99871.2	

	Rehandling of earthwork: a) Lead upto a single throw of Kassi, phaorah or shovel	813.96	Cft	1000	2798.4	2277.785664	2923	2379.20508	2798.4	2277.785664
4	Constructing standard gully grating chamber, 3'x2½' (900x750 mm), with chinaware trap as per PHED Drawing STD/PD No. 3 of 1977, complete in all respects.	43.33	Each	1	17661.05	765253.2965	18450	799438.5	17661.05	765253.2965
Total (PKR)						889814.6085		927534.5387		889814.6085

Sr.No	Description of Items	Quantity	Rate (PKR)	Estimated Cost (PKR)	M/S Four Star Naru Construction Co.		M/S Nazeer Ahmed & Brothers Partner		
					Rate (PKR)	Amount (PKR)	Rate (PKR)	Amount (PKR)	
Labour Safety									
1	Face Masks (3 PLY)	40	500	20000	500	20000	-	-	
2	Safety Gum Shoes	35	1000	35000	10000	350000	-	-	
3	Hand Gloves	35	1000	35000	500	17500	-	-	
4	First Aid Box (Including essential Medicine)	4	5000	20000	50000	200000	-	-	
5	Safety Hard Helmets MSA	35	2000	70000	6000	210000	-	-	
6	Safety Goggles	35	500	17500	3000	105000	-	-	
7	Reflective Safety Vest	35	500	17500	2500	87500	-	-	
8	Infrared Thermometer (Benetech GM-2200 OR equivalent)	1	45000	45000	20000	20000	-	-	
Total PKR				260000		1010000	0	0	
Working Site Safety									
8	Reflective Safety Sign Board	10	10000	100000	30000	300000	-	-	
9	Reflective Safety PVC Cones (18 Inch)	20	1200	24000	2000	40000	-	-	
10	Road Guiding Portable Delineators with Chain	20	2500	50000	5000	100000	-	-	
11	Reflective Safety Barricading Tape	50	1500	75000	2000	100000	-	-	
12	Emergency Portable Light	3	5000	15000	100000	300000	-	-	
13	Solid Waste Collection drums	2	5000	10000	175000	350000	-	-	
14	Fire Extinguishers DCP AFO Balls eq.	5	5000	25000	10000	50000	-	-	
Total PKR				299000		1240000	0	0	
Sub-Total (Labour+Site Safety)				559000		2250000	0	0	