

OFFICE OF THE PROJECT DIRECTOR
LOCAL GOVERNMENT PROJECT
GOVERNMENT OF SINDH

Address: Ground Floor, Sindh Secretariat Building No.5,
Tughlaq House Kamal Attaturk Avenue, Karachi.
Phone No.021-99212314

No. EE/L.G.P./G.O.S./46/17

Dated: 6-2-2017

To,

- | | |
|---|--|
| 1 M/s Sher Jan Mosa Khail & Sons | 15 M/s Haji Abdul Sattar & Brothers |
| 2 M/s Siddique & Brothers | 16 M/s G.M. Enterprises |
| 3 M/s Haji Syed Ameer & Brothers | 17 M/s Rehman Const. Co. |
| 4 M/s M.S. Engineering (Pvt.) Ltd. | 18 M/s Adeel Humayoon |
| 5 M/s N.K. Construction Co. | 19 M/s Yousuf Khan & Brothers |
| 6 M/s Naseeb Khan & Brothers | 20 M/s Mohlib Entperirses |
| 7 M/s Shaheen Construction Co. | 21 M/s Amatul Construction |
| 8 M/s King Enterprises | 22 M/s S.K. Construction Co. |
| 9 M/s Insaf & Brothers | 23 M/s Shams Builders & Developers |
| 10 M/s Faheem & Naseem Const. Co. | 24 M/s Saba Enterprises |
| 11 M/s Aaqib Builders | 25 M/s Evershine Construction |
| 12 M/s Eastern Const. Co. | 26 M/s Umair Enterprises |
| 13 M/s Kaim Khani Competition International | 27 M/s Muhammad Nazeem Mandokhail & Sons |
| 14 M/s Haji Malik Muhammad Rahim Khan & Co. | |

NOTICE INVITING BIDS

Subject: **PREQUALIFICATION OF CONTRACTORS / FIRMS / CONSORTIA FOR MEGA SCHEMES UNDER KARACHI PACKAGE "REHABILITATION AND IMPROVEMENT OF KARACHI ZOO, KMC".**

Reference: EOI Ref.# PD(LGP)/GOS/01/16 dated: 31-10-2016

We appreciate your participation in the prequalification under reference for the subject work. I am directed to inform you that as per evaluation / recommendation of the Procurement Committee your firm has been qualified.

You are required to collect Tender Documents from 09-02-2017 to 23-02-2017 from the office of the Director Accounts (Project), Local Government Project, GOS situated at St-04, Block-3, Scheme-5, Clifton, Karachi during office hours, on payment of Rs.3000/- in shape of pay order in favour of Project Director, Local Government Project, GOS.

The Tender Documents are to be dropped in the tender box kept in the Office of Project Director, Local Government Project, GOS, St-04, Block-3, Scheme-5, Clifton, Karachi on 27-02-2017 till 02:00pm and the same will be opened by Tender Opening Committee at 02:30pm.

Please note that your financial bid should be accompanied with the Bid Security in line with the requirements of the bidding documents.

It is further informed that a pre-bid meeting under the Chairmanship of the Project Director, Local Government Project, GOS is scheduled to be held on 24-02-2017 at 3:00pm in the office of Project Director, Local Government Project, GOS, St-04, Block-3, Scheme-5, Clifton, Karachi. You are requested to ensure your personal presence or through your authorized representative at the same.


EXECUTIVE ENGINEER
Local Government Project
Government of Sindh

to:-

1. Secretary Local Government Department, GOS
2. Project Director, Local Government Project, GOS
3. Director Accounts, Local Government Project, GOS
4. Deputy Director (Enf-I), SPPRA, GOS (alongwith a set of Tender Documents)

STPTA VISITED DIARY
NO: 1046
DATED: 08-02-2017

NAME OF WORK : REHABILITATION AND IMPROVEMENT OF KARACHI ZOO, KMC

QUOTED BID (SUMMARY)

Time Limit: 06 months

Penalty : Rs. 3000 /- Per Day

I / We here by quoted as follows:-

		In Figure	In Words
1	BILL No. 01 (Item base on S/Rate) Amounting Rs. 82,21,559/-	Rs. _____	
A	% above / Below of S.R.		
B	Item base on O/Rate Amount Rs. _____	Rs. _____	
2	BILL No. 02 (Item base on S/Rate) Amounting Rs. 50,50,071/-	Rs. _____	
A	% above / Below of S.R.		
B	Item base on O/Rate Amount Rs. _____	Rs. _____	
3	BILL No. 03 (Item base on S/Rate) Amounting Rs. 69,45,703/-	Rs. _____	
A	% above / Below of S.R.		
B	Item base on O/Rate Amount Rs. _____	Rs. _____	
4	BILL No. 04 (Item base on S/Rate) Amounting Rs. 77,38,555/-	Rs. _____	
A	% above / Below of S.R.		
B	Item base on O/Rate Amount Rs. _____	Rs. _____	
5	BILL No. 05 (Item base on S/Rate) Amounting Rs. 58,85,238/-	Rs. _____	
A	% above / Below of S.R.		
B	Item base on O/Rate Amount Rs. _____	Rs. _____	
6	BILL No. 06 (Item base on S/Rate) Amounting Rs. 58,46,343/-	Rs. _____	
A	% above / Below of S.R.		
B	Item base on O/Rate Amount Rs. _____	Rs. _____	
7	BILL No. 07 (Item base on S/Rate) Amounting Rs. 45,07,292/-	Rs. _____	
A	% above / Below of S.R.		
B	Item base on O/Rate Amount Rs. _____	Rs. _____	
8	BILL No. 08 (Item base on S/Rate) Amounting Rs. 1,32,32,592/-	Rs. _____	
A	% above / Below of S.R.		
B	Item base on O/Rate Amount Rs. _____	Rs. _____	
9	BILL No. 09 (Item base on S/Rate) Amounting Rs. 2,04,88,496/-	Rs. _____	
A	% above / Below of S.R.		
B	Item base on O/Rate Amount Rs. _____	Rs. _____	
10	BILL No. 10 (Item base on S/Rate) Amounting Rs. 9,87,076/-	Rs. _____	
A	% above / Below of S.R.		
B	Item base on O/Rate Amount Rs. _____	Rs. _____	
11	BILL No. 11 (Item base on S/Rate) Amounting Rs. 45,75,263/-	Rs. _____	
A	% above / Below of S.R.		
B	Item base on O/Rate Amount Rs. _____	Rs. _____	
12	BILL No. 12 (Item base on S/Rate) Amounting Rs. 57,25,193/-	Rs. _____	
A	% above / Below of S.R.		
13	BILL No. 13 (Item base on S/Rate) Amounting Rs. 72,43,576/-	Rs. _____	
A	% above / Below of S.R.		
B	Item base on O/Rate Amount Rs. _____	Rs. _____	
14	BILL No. 14 (Item base on S/Rate) Amounting Rs. 11,75,739/-	Rs. _____	
A	% above / Below of S.R.		
B	Item base on O/Rate Amount Rs. _____	Rs. _____	
15	BILL No. 15 (Item base on S/Rate) Amounting Rs. 6,11,880/-	Rs. _____	
A	% above / Below of S.R.		
B	Item base on O/Rate Amount Rs. _____	Rs. _____	
Grand Total (1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 + 13 + 14 & 15)			

The Total Amount Rs. _____ In word Rupees _____ Complete job for all Schedule of Rates & Offer Rates.
is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____ Dated: _____
Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____
Address: _____
Contact No. _____

Checked / Verified By: Asim Ali

GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Construction of New Lion Cage Near Gate No. 2 at Karachi Zoo, KMC.

BILL No. 1
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
1	Dismantling of Removing Net & removing	2,610	121.00	%Sft.	3,158
2	Dismantling of CC Plain 1:2:4 work cast in situ in foundation basement and plinth i/c disposal of surplus material. With in three chain.	725	3,327.50	%Cft.	24,124
3	Dismantling of Iron work of trusses shades, water tanks, etc excluding C&W cutting of. Ch-2 P-13/41	139.82	278.30	P/Cwt.	38,912
4	Dismantling of Cement Block Masonry. Ch-2 P-10-14	100	1,134.38	%Cft.	1,134
5	Dismantling of Cement Concrete Reinforcement separating reinforcement from concrete cleaning straightening the same. Ch-2 P-10/20	105	5,445.00	%Cft.	5,717
6	Cartage of 100 Cft/5 ton of all material likes on aggregates spawl coal lime surkhi etc., B.G. Rail fastening points and crossing bridges guarders, Pipes sheets rains, M.S. Bars etc., or 1000 Nos. bricks 10x5x3 pr 100 moulds of fuel wood by trucks or any other mean owned by the contractor lead upto 10 miles.	930	714.29	%Cft.	6,643
7	Excavation for foundation of building bridges and other structures i/c degelling dassing refilling around structure with excavated earth watering and remming leas upto 5 ft. 4 - 18 (b)	9,317.50	3,176.25	%0Cft.	29,595
8	Cement Concrete brick or stone blast 1-1/2 inch to 2 inch gauge. Ratio 1 : 4 : 8 - 17 - 4 (b)	1,353.50	9,416.28	%Cft.	127,449
9	Erection & removal of centering for R.C.C or plain C.C. work of deodar wood (2nd class). 21 - 18 - (a) (ii)	500	7,000	%Sft.	35,000
10	Cement Concrete plain 1 : 2 : 4 i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering 18-5 (a)	250	14,429.25	%Cft.	36,073
11	Reinforced Cement Concrete including all labour and material except the cost of steel reinf. and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle). 19-6 (i)	4,556.38	258.61	P/Cft.	1,178,324
12	Fabrication of Mild Steel reinforcement for cement concrete i/c cutting bending laying in pision making joints and fastenings i/c cost of binding wire (also i/c removal of rust from bars). 20 - 7 - ii (a)	223.75	5,001.70	P/Cwt.	1,119,133
13	P/L 1:3:6 cement concrete Solid Block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor super structre i/c raking out jointd & curing etc. Complete. 22 - 23	1,568.0	15,771.01	%Cft.	247,289
14	Cement Plaster 1:4 upto 20' height. 58 - 11	13,539.50	2,283.93	%Sft.	309,233
15	Providing and fixing 197 x 97 x 60 (mm) natural colour or pigment inter locking concrete Pavers Blocks (Approved make 8500 psi) for footpath including preparing the base, medium sharp, cleaned sand screened to required level in	3,016	159.82	P/Sft.	482,005
Total of Schedule Item Rs.					3,643,791

Signature of the Contractor with Stamp

BILL No. 1
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
16	Preparing & painting on Kerb Block etc complete as directed by the Engineer.(Two Coat)	250	1,421.75	%Sft.	3,554
17	P/F fair face industrially produced pre-cast kerb stone with ration by weight of 1:1.5:3 (one part SR Cement 1.5 part screened sand and 3 part crushed stone) cement concrete having maximum cube crushed strength of 3750 psi after 28 days and having weight etc complete.	200	297.01	P/Rft.	59,402
18	Fabrication of heavy steel work with angle tees, flat iron, round iron and sheeds iron for making trusses girders tanks, etc. i/c cutting, drilling riveting handling assembling and fixing but excluding erection in position. 96 - 2	546.43	4,928.49	Per/Cwt	2,693,068
19	Damp proof course with cement sand Ratio (1:2) mix with dampo 3/4 inches thick.	308.50	2,401.58	% Sft	7,409
20	P/L 2" thick Flooring Cement Concrete 1 : 2 : 4 i/c surface finishing and curing complete and dividing into panels. 47 - 16 (a) (b) (3" Thick)	400	3,275.50	%Sft.	13,102
21	P / L white glaze tiles 6" x 6" 1/4" on floor or wall facing in req patten of STILE specification jointed in white cement and pigment over base a of 1:2 gray cement mortar 3/4" thick i/c washing & filling of joints with slurry of white cement & pigment desire shape with finishing cleaning & cost of wax polish etc. complete i/c cutting tiles to proper profile. 53 - 60 (20% Below)	1,200	24,407.82	% Sft	292,894
22	Preparing surface Distempering. - 60 - 24 (c). Three coat.	13,540	1,079.65	% Sft	146,179
23	P/F G.I pipes specials and clamps etc. i/c fixing cutting and fitting complete i/c the cost of breaking through walls and roof making good etc. painting two coats after cleaning the pipe etc. with white zink paint with pigment to match the color of the building and testing with water to a pressure head of 200 feet handline				
	1/2" Φ	200	73.21	Per/Rft	14,642
	1" Φ	200	128.55	Per/Rft	25,710
24	P/F full way gun metal valves with wheels threaded or flanged ends with rubler washing. 14 - 6				
	1/2" Φ	2	134.42	Each	269
	1" Φ	2	260.92	Each	522
25	S/F bib cocks of superior quality with c.p head 1/2" dai. 15 - 15 (a)	4	1,109.46	Each	4,438
26	Providing & Fixing 3" dia C.I vent pipes i/c cutting, fitting etc. complete. 8 - 1 & 9 - 13				
	3" dia C.I Pipes	100	289.25	Per/Rft	28,925
27	P/F 4" dia C.I plain bend 45 degree of the required degree with i/c extra painting to match the color of the building. 9 - 9				
	3" dia C.I Pipes	8	566.70	Each	4,534
28	Excavation for pipes line in treaches in all kind of soil	3,150	4,650.0	% Cft.	146,475
29	P/F R.C.C pipe & collars of class B and fixing in trench i/c cutting, fitting and jointing with mixphalt composition and cement mortar (1 : 1) i/c testing with water to ahead of 22.5 meter or 75 ft. 17 - 2 (c) & (e)				
	9" Dia	400	229.0	Per/Rft	91,600
	12" Dia	500	412.0	Per/Rft	206,000
Total of Schedule Item Rs.					3,738,722

Signature of the Contractor with Stamp

BILL No. 1
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
30	Construction manhole or inspection chamber for req. dai and speci. circular sewer and 3'-6" deep with wall of B.B in cement mortar 1:3 cement plaster 1:3:1/2" thick inside wall 1" thick over benching and channel i/c fixing C.I main hole cover with frame of clear opening 1/2' x 1-1/2' of 1.75 cwt. (88.9 K.g) embeded in plain C.C 1:2:4 and fixing 1" dia M.S steps 6" wide projecting 4" from the face of wall at 12" C/C duly painted etc. com. as per spec. and drawing. 39 - 1 (a).	6	14,748.0	Each	88,488
31	Refiling of excavated staff in tranches i/c watering etc complete. 53- 24	3,150	2,760.0	% Cft.	86,940
32	Preparing surface and painting with Emulsion paint 78-29 Three coat	12,084	1762.75	% Sft	213,011
33	P/L Bitumen coating upon Roof & spreading of sand after bitumen coating etc complete as directed by the Engineer in Charge.	1,292	54.70	Per/Sft	70,672
34	P/L Stone Pitching i/c. making base with dressed stone 6" thick hard packing in allidnment and slopeas directed by the Engineer in Charge.	2,000	5,377.63	%Cft.	107,553
35	P/Laying Cement pointing upto 20'ft Height with cement mortar 1:3 including finishing curing etc.complete.	2,000	1,077.45	%Sft.	21,549
36	P/L Colour Creat, Grafto, Texture, over cement palster etc complete	1,500	6,319.50	%Sft.	94,793
37	Filling, watering & remming earth in floor with new earth (Excavated from out side) lead upto one chain & lift upto 5 ft. Ch-1-P-4/22	3,600	3,630.0	%0Cft.	13,068
38	Small Iron work such as gusset plate knees bends, strippups, rings etc. i/c cutting drilling reverting handling assembling & fixing but excluding erection in position. Ch-17-P-91/1	14.11	6420.61	P/Cwt.	90,576
39	Erection & Fitting in position of iron trusses staging of water tanks etc. Ch-17 - P-91-3	14.11	271.04	P/Cwt.	3,824
40	Preparing surface and painting guard bars, gates iron bars, grating, railing, i/c standard braces (etc) and similar open work.	7,200	674.60	% Sft	48,571
Total of Schedule Item Rs.					839,044
Grand Total Amount of Schedule Item Rs.					8,221,559

Signature of the Contractor with Stamp

GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Construction of New Lion Cage Near Gate No. 2 at Karachi Zoo, KMC.

BILL No. 1

Bill of Quantities

Based on Offer Rate Items

S.No.	Description	Quantity	Rate in Figure	Rate in Words	Unit	Amount
41	P/Fixing Enclosure mesh 3"x 3" & 10 gauge net i/c angle iron frame 2"x 2" 10 gauge & mesh welded with angle iron frame & frame embaded in situ i/c cutting fitting & welding & as per drawing & design & specification.	400			O.R P/Sft.	-
42	S/S/Stacking approved quliaty murrum etc complete i/c all lead & lift.	18,000			O.R P/Cft.	-
43	Providing & Fixing Rockery Stone by Providing & Laying fragment upto 9" thick frame approved required set with 1:4 cement mortar i/c, loading, unloading scaffolding & curring upto height of 4ft from ground level as per directed by the Engineer Incharge.	1,740			O.R P/Cft.	-
44	P/F fencing composed on G.I Pipe frame of hot dipped galvanized wire chain link fencing 2" x 2" mesh size of 8 gauge SWG commercial upto the height 10' from G/L i/c the cost of straightening wire (12 Gauge) bracing with binding & clamps etc complete as per direction by the Engineer Incharge. (Excluding the cost of G.I Pipes & its fixture).	800			O.R P/Sft.	-
45	Providing & Fixing & Erection of G.I Pipes i/c cutting, fitting & welding upto the height of 10'ft & extra painting to match the colour etc complete. (ILL Made 10 gauge frame & Specifacation i/c all necessary fitting complete i/c cost of red oxcide on the side the cost of westage of pipe as per directed by the Engineer Incharge.					
	3" Dia	1,944			O.R P/Rft.	-
	1-1/2" Dia	1,460			O.R P/Rft.	-
	1" Dia	580			O.R P/Rft.	-
46	P/F Fibre Glass 6mm thick shade fixed on angle iron frame i/c reviting nut bolts washer upto the height of 12 i/c loading unloading cutting & fitting with all necessary fitting etc complete as direction by the Engineer Incharge.	2,000			O.R P/Sft.	-
47	Providing & Fixing of Aclaric Glass Sheet (12mm) thick having a size of (4' x 8') superior quality i/c the cost of pasting of (6mm) glass on aclaric sheet one side & replacing 1-1/2 x 1-1/2 into 2-1/2" x 2-1/2" angle stainless steel angle & stainless steel nuts & bolts & i/c the cost of replacing of existing 2" dia G.I Pipe & i/c the cost of all kind of cutting, fitting, welding on stainless steel angle or G.I Pipe etc complete as directed by the Engineer Incharge.	3,000			O.R P/Sft.	-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Construction of New Lion Cage Near Gate No. 2 at Karachi Zoo, KMC.

BILL No. 1
SUMMARY

Time Limit: _____.

Penalty : Rs. _____ / - Per Day _____.

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs.82,21,559/- % above / Below of S.R.	Rs. _____
Part-B	Item base on O/Rate Amount Rs. _____	Rs. _____
Grand Total (A + B)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____

Dated: _____

Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____

Project Director
Local Government Project, LG, GOS

GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Bengal Tiger at Karachi Zoo CS&R, KMC.

BILL No. 2
Bill of Quantities

Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
1	Dismantling of Removing Net & removing	1,728	121.00	%Sft.	2,091
2	Dismantling of CC Plain 1:2:4 work cast in situ in foundation basement and plinth i/c disposal of surplus material. With in three chain.	1,200.50	3,327.50	%Cft.	39,947
3	Dismantling of Iron work of trusses shades, water tanks, etc excluding C&W cutting of. Ch-2 P-13/41	146.57	278.30	P/Cwt.	40,791
4	Dismantling of Cement Block Masonry. Ch-2 P-10-14	2,340	1,134.38	%Cft.	26,544
5	Dismantling of Cement Concrete Reinforcement separating reinforcement from concrete cleaning straightening the same. Ch-2 P-10/20	1,053.50	5,445.00	%Cft.	57,363
6	Cartage of 100 Cft/5 ton of all material likes on aggregates spawl coal lime surkhi etc., B.G. Rail fastening points and crossing bridges guarders, Pipes sheets rains, M.S. Bars etc., or 1000 Nos. bricks 10x5x3 pr 100 moulds of fuel wood by trucks or any other mean owned by the contractor lead upto 10 miles.	4,594	714.29	%Cft.	32,814
7	Excavation for foundation of building bridges and other structures i/c degelling dassing refilling around structure with excavated earth watering and remming leas upto 5 ft. 4 - 18 (b)	2,079	3,176.25	%0Cft.	6,603
8	Cement Concrete brick or stone blast 1-1/2 inch to 2 inch gauge. Ratio 1 : 4 : 8 - 17 - 4 (b)	1,565	9,416.28	%Cft.	147,365
9	Erection & removal of centering for R.C.C or plain C.C. work of deodar wood (2nd class). 21 - 18 - (a) (ii)	686	7,000.00	%Sft.	48,020
10	Cement Concrete plain 1 : 2 : 4 i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering 18-5 (a)	433	14,429.25	%Cft.	62,479
11	Reinforced Cement Concrete including all labour and material except the cost of steel reinf. and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle). 19-6 (i)	2,712.88	258.61	P/Cft.	701,577
12	Fabrication of Mild Steel reinforcement for cement concrete i/c cutting bending laying in pision making joints and fastenings i/c cost of binding wire (also i/c removal of rust from bars). 20 - 7 - ii (a)	133.22	5,001.70	P/Cwt.	666,334
13	P/L 1:3:6 cement concrete Solid Block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor super structre i/c raking out jointd & curing etc. Complete. 22 - 23	1,036	15,771.01	%Cft.	163,388
Total of Schedule Item Rs.					1,995,316

Signature of the Contractor with Stamp

BILL No. 2**Bill of Quantities****Based on Schedule Items**

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
14	Cement Plaster 1:4 upto 20' height. 58 - 11	10,408.50	2,283.93	%Sft.	237,723
15	Providing and fixing 197 x 97 x 60 (mm) natural colour or pigment inter locking concrete Pavers Blocks (Approved make 8500 psi) for footpath including preparing the base, medium sharp, cleaned sand screened to required level in thickness of 2" average after compaction etc. complete. (20% Below)	2,356	159.82	P/Sft.	376,526
16	Preparing & painting on Kerb Block etc complete as directed by the Engineer. (Two Coat)	190	1,421.75	%Sft.	2,701
17	P/F fair face industrially produced pre-cast kerb stone with ration by weight of 1:1.5:3 (one part SR Cement 1.5 part screened sand and 3 part crushed stone) cement concrete having maximum cube crushed strength of 3750 psi after 28 days and having weight etc complete.	152	297.01	P/Rft.	45,146
18	Fabrication of heavy steel work with angle tees, flat iron, round iron and sheeds iron for making trusses girders tanks, etc. i/c cutting, drilling riveting handling assembling and fixing but excluding erection in position. 96 - 2	86.52	4,928.49	Per/Cwt	426,402
19	Damp proof course with cement sand Ratio (1:2) mix with dampo 3/4 inches thick.	572.5	2,401.58	% Sft	13,749
20	P/L 2" thick Flooring Cement Concrete 1 : 2 : 4 i/c surface finishing and curing complete and dividing into panels. 47 - 16 (a) (b) (2" Thick)	400	3,275.50	%Sft.	13,102
21	P / L white glaze tiles 6" x 6" 1/4" on floor or wall facing in req patten of STILE specification jointed in white cement and pigment over base a of 1:2 gray cement mortar 3/4" thick i/c washing & filling of joints with slurry of white cement & pigment desire shape with finishing cleaning & cost of wax polish etc. complete i/c cutting tiles to proper profile. 53 - 60 (20% Below)	480	24,407.82	% Sft	117,158
22	Preparing surface Distempering. - 60 - 24 (c). Three coat.	10,408.50	1,079.65	% Sft	112,375
23	P/F G.I pipes specials and clamps etc. i/c fixing cutting and fitting complete i/c the cost of breaking through walls and roof making good etc. painting two coats after cleaning the pipe etc. with white zink paint with pigment to match the color of the building and testing with water to a pressure head of 200 feet handline				
	1/2" Φ	200	73.21	Per/Rft	14,642
	1" Φ	200	128.55	Per/Rft	25,710
24	P/F full way gun metal valves with wheels threaded or flanged ends with rubler washing. 14 - 6				
	1/2" Φ	2	134.42	Each	269
	1" Φ	2	260.92	Each	522
25	S/F bib cocks of superior quality with c.p head 1/2" dai. 15 - 15 (a)	4	1,109.46	Each	4,438
Total of Schedule Item Rs.					1,390,463

Signature of the Contractor with Stamp

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BILL No. 2**Bill of Quantities****Based on Schedule Items**

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
26	Providing & Fixing 3" dia C.I vent pipes i/c cutting, fitting etc. complete. 8 - 1 & 9 - 13 3" dia C.I Pipes	100	289.25	Per/Rft	28,925
27	P/F 4" dia C.I plain bend 45 degree of the required degree with i/c extra painting to match the color of the building 9-9 3" dia C.I Pipes	8	566.70	Each	4,534
28	Excavation for pipes line in treaches in all kind of soil	3,150	4,650.0	% Cft.	146,475
29	P/F R.C.C pipe & collars of class B and fixing in trench i/c cutting, fitting and jointing with mixphalt composition and cement mortar (1 : 1) i/c testing with water to ahead of 22.5 meter or 75 ft. 17 - 2 (c) & (e) 9" Dia	400	229.0	Per/Rft	91,600
30	Construction manhole or inspection chamber for req. dai and speci. circular sewer and 3'-6" deep with wall of B.B in cement mortar 1:3 cement plaster 1:3:1/2" thick inside wall 1" thick over benching and channel i/c fixing C.I main hole cover with frame of clear opening 1/2' x 1-1/2 of 1.75 cwt. (88.9 K.g) embeded in plain C.C 1:2:4 and fixing 1" dia M.S steps 6" wide projecting 4" from the face of wall at 12" C/C duly painted etc. com as per spec and drawing 39 - 1.(a) 12" Dia	500	412.0	Per/Rft	206,000
31	Refiling of excavated staff in tranches i/c watering etc complete. 53- 24	6	14,748.0	Each	88,488
32	Preparing surface and painting with Emulsion paint 78-29 Three coat	16,340	1762.75	% Sft	288,033
33	P/L Bitumen coating upon Roof & spreading of sand after bitumen coating etc complete as directed by the Engineer in Charge.	7,600	54.70	Per/Sft	415,720
34	P/L Stone Pitching i/c. making base with dressed stone 6" thick hard packing in allidnment and slopes directed by the Engineer in Charge.	1,520	5,377.63	%Cft.	81,740
35	P/Laying Cement pointing upto 20'ft Height with cement mortar 1:3 including finishing curing etc.complete.	1,520	1,077.45	%Sft.	16,377
36	P/L Colour Creat, Grafto, Texture, over cement palster etc complete	1,140	6,319.50	%Sft.	72,042
37	Filling, watering & remming earth in floor with new earth (Excavated from out side) lead upto one chain & lift upto 5 ft. Ch-1-P-4/22	3,800	3,630.0	%0Cft.	13,794
38	Small Iron work such as gusset plate knees bends, strippups, rings etc. i/c cutting drilling reverting handling assembling & fixing but excluding erection in position. Ch-17-P-91/1	14:11	6420.61	P/Cwt.	90,576
39	Erection & Fitting in position of iron trusses staging of water tanks etc. Ch-17 - P-91-3	14.11	271.04	P/Cwt.	3,824
40	Preparing surface and painting guard bars, gates iron bars, grating, railing, i/c standard braces (etc) and similar open work.	4,332	671.60	% Sft	29,224
Total of Schedule Item Rs.					1,664,292
Grand Total Amount of Schedule Item Rs.					5,050,071

Signature of the Contractor with Stamp

GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Bengal Tiger at Karachi Zoo CS&R, KMC.

BILL No. 2

Bill of Quantities

Based on Offer Rate Items

S.No.	Description	Quantity	Rate in Figure	Rate in Words	Unit	Amount
41	P/Fixing Enclosure mesh 3"x 3" & 10 gauge net i/c angle iron frame 2"x 2" 10 gauge & mesh welded with angle iron frame & frame embaded in situ i/c cutting fitting & welding & as per drawing & design & specification.	400			O.R P/Sft.	-
42	S/S/Stacking approved quality murrum etc complete i/c all lead & lift.	8,550			O.R P/Cft.	-
43	Providing & Fixing Rockery Stone by Providing & Laying fragment upto 9" thick frame approved required set with 1:4 cement mortar i/c. loading, unloading scaffolding & curring upto height of 4ft from ground level as per directed by the Engineer Incharge.	2,064			O.R P/Cft.	-
44	P/F fencing composed on G.I Pipe frame of hot dipped galvanized wire chain link fencing 2" x 2" mesh size of 8 gauge SWG commercial upto the height 10' from G/L i/c the cost of straightening wire (12 Gauge) bracing with binding & clamps etc complete as per direction by the Engineer Incharge. (Excluding the cost of G.I Pipes & its fixture).	2,128			O.R P/Sft.	-
45	Providing & Fixing & Erection of G.I Pipes i/c cutting, fitting & welding upto the height of 10'ft & extra painting to match the colour etc complete. (ILL. Made 10 gauge frame & Specification i/c all necessary fitting complete i/c cost of red oxide on the side the cost of wastage of pipe as per directed by the Engineer Incharge.					
	3" Dia	594			O.R P/Rft.	
	1-1/2" Dia	1,460			O.R P/Rft.	
	1" Dia	580			O.R P/Rft.	
46	P/F Fibre Glass 6mm thick shade fixed on angle iron frame i/c reviting nut bolts washer upto the height of 12 i/c loading unloading cutting & fitting with all necessary fitting etc complete as direction by the Engineer Incharge.	1,520			O.R P/Sft.	
47	Providing & Fixing of Aclaric Glass Sheet (12mm) thick having a size of (4' x 8') superior quality i/c the cost of pasting of (6mm) glass on aclaric sheet one side & replacing 1-1/2 x 1-1/2 into 2-1/2 x 2-1/2" angle stainless steel angle & stainless steel nuts & bolts & i/c the cost of replacing of existing 2" dia G.I Pipe & i/c the cost of all kind of cutting, fitting, welding on stainless steel angle or G.I Pipe etc complete as directed by the Engineer Incharge.	1,140			O.R P/Sft.	
Grand Total Amount of Offerr Rate Item Rs.						

Signature of the Contractor with Stamp

GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Bengal Tiger at Karachi Zoo CS&R, KMC.

BILL No. 2
SUMMARY

Time Limit: _____.

Penalty : Rs. _____ / - Per Day _____.

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs.50,50,071/- _____ % above / Below of S.R.	Rs. _____
Part-B	Item base on O/Rate Amount Rs. _____	Rs. _____
Grand Total (A + B)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____ Dated: _____

Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____

Project Director
Local Government Project, LG, GOS

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Chimpanzee Cage at Karachi Zoo CS&R, KMC.

BILL No. 3

Bill of Quantities

Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
1	Dismantling of Removing Net & removing	2,352	121.00	%Sft.	2,846
2	Dismantling of CC Plain 1:2:4 work cast in situ in foundation basement and plinth i/c disposal of surplus material. With in three chain.	1,274	3,327.50	%Cft.	42,392
3	Dismantling of Iron work of trusses shades, water tanks, etc excluding C&W cutting of. Ch-2 P-13/41	293.36	278.30	P/Cwt.	81,641
4	Dismantling of Cement Block Masonry. Ch-2 P-10-14	1,470	1,134.38	%Cft.	16,675
5	Dismantling of Cement Concrete Reinforcement separating reinforcement from concrete cleaning straightening the same. Ch-2 P-10/20	1,232	5,445.00	%Cft.	67,082
6	Cartage of 100 Cft/5 ton of all material likes on aggregates spawl coal lime surkhi etc., B.G. Rail fastening points and crossing bridges guarders, Pipes sheets rains, M.S. Bars etc., or 1000 Nos. bricks 10x5x3 pr 100 moulds of fuel wood by trucks or any other mean owned by the contractor lead upto 10 miles.	3,976	714.29	%Cft.	28,400
7	Excavation for foundation of building bridges and other structures i/c degelling dassing refilling around structure with excavated earth watering and remming leas upto 5 ft. 4 - 18 (b)	3,582	3,176.25	%0Cft.	11,377
8	Cement Concrete brick or stone bllast 1-1/2 inch to 2 inch gauge. Ratio 1 : 4 : 8 - 17 - 4 (b)	2,733	9,416.28	%Cft.	257,347
9	Erection & removal of centering for R.C.C or plain C.C. work of deodar wood (2nd class). 21 - 18 - (a) (ii)	986	7,000	%Sft.	69,020
10	Cement Concrete plain 1 : 2 : 4 i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering 18-5 (a)	828	14,429.25	%Cft.	119,474
11	Reinforced Cement Concrete including all labour and material except the cost of steel reinf. and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle). 19-6 (i)	4,857.13	258.61	P/Cft.	1,256,101
12	Fabrication of Mild Steel reinforcement for cement concrete i/c cutting bending laying in pision making joints and fastenings i/c cost of binding wire (also i/c removal of rust from bars). 20 - 7 - ii (a)	238.52	5,001.70	P/Cwt.	1,193,003
Total of Schedule Item Rs.					3,145,360

Signature of the Contractor with Stamp

BILL No. 3
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount	
13	P/L 1:3:6 cement concrete Solid Block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor super structure i/c raking out jointd & curing etc. Complete . 22 - 23	1,554	15,771.01	%Cft.	245,081	
14	Cement Plaster 1:4 upto 20' height. 58 - 11	17,247	2,283.93	%Sft.	393,909	
15	Providing and fixing 197 x 97 x 60 (mm) natural colour or pigment inter locking concrete Pavers Blocks (Approved make 8500 psi) for footpath including preparing the base, medium sharp, cleaned sand screened to required level in thickness of 2" average after compaction etc. complete.(20% Below)	1,922	159.82	P/Sft.	307,166	
16	Preparing & painting on Kerb Block etc complete as directed by the Engineer.(Two Coat)	185	1,421.75	%Sft.	2,630	
17	P/F fair face industrially produced pre-cast kerb stone with ration by weight of 1:1:5:3 (one part SR Cement 1.5 part screened sand and 3 part crushed stone) cement concrete having maxumum cube crushed strength of 3750 psi after 28 days and having weight etc complete.	148	297.01	P/Rft.	43,957	
18	Fabrication of heavy steel work with angle tees, flat iron, round iron and sheeds iron for making trusses girders tanks, etc. i/c cutting, drilling riveting handling assembling and fixing but excluding erection in position. 96 - 2	245.89	4,928.49	Per/Cwt	1,211,880	
19	Damp proof course with cement sand Ratio (1:2) mix with dampo 3/4 inches thick.	681.75	2,401.58	% Sft	16,373	
20	P/L 2" thick Flooring Cement Concrete 1 : 2 : 4 i/c surface finishing and curing complete and dividing into panels. 47 - 16 (a) (b) (2" Thick)	400	3,275.50	%Sft.	13,102	
21	P / L white glaze tiles 6" x 6" 1/4" on floor or wall facing in req patten of STILE specification jointed in white cement and pigment over base a of 1:2 gray cement mortar 3/4" thick i/c washing & filling of joints with slurry of white cement & pigment desire shape with finishing cleaning & cost of wax polish etc. complete i/c cutting tiles to proper profile. 53 - 60 (20% Below)	480	24,407.82	% Sft	117,158	
22	Preparing surface Distempering. - 60 - 24 (c). Three coat.	17,247	1,079.65	% Sft	186,207	
23	P/F G.I pipes specials and clamps etc. i/c fixing cutting and fitting complete i/c the cost of breaking through walls and roof making good etc. painting two coats after cleaning the pipe etc. with white zink paint with pigment to match the color of the building and testing with water to a pressure head of 200 feet handline					
		1/2" Φ	200	73.21	Per/Rft	14,642
		1" Φ	200	128.55	Per/Rft	25,710
Total of Schedule Item Rs.					2,577,817	

Signature of the Contractor with Stamp

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BILL No. 3
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
24	P/F full way gun metal valves with wheels threaded or flanged ends with rubber washing .14 - 6 1/2" Φ 1" Φ	2 2	134.42 260.92	Each Each	269 522
25	S/F bib cocks of superior quality with c.p head 1/2" dai. 15 - 15 (a)	4	1,109.46	Each *	4,438
26	Providing & Fixing 3" dia C.I vent pipes i/c cutting, fitting etc. complete . 8 - 1 & 9 - 13 3" dia C.I Pipes	100	289.25	Per/Rft	28,925
27	P/F 4" dia C.I plain bend 45 degree of the required degree with i/c extra painting to match the color of the building. 9 - 9 3" dia C.I Pipes	8	566.70	Each	4,534
28	Excavation for pipes line in trenches in all kind of soil	3,150	4,650.0	% Cft.	146,475
29	P/F R.C.C pipe & collars of class B and fixing in trench i/c cutting, fitting and jointing with mixphalt composition and cement mortar (1 : 1) i/c testing with water to ahead of 22.5 meter or 75 ft. 17 - 2 (c) & (e) 9" Dia 12" Dia	400 500	229.0 412.0	Per/Rft Per/Rft	91,600 206,000
30	Construction manhole or inspection chamber for req. dai and speci. circular sewer and 3'-6" deep with wall of B.B in cement mortar 1:3 cement plaster 1:3:1/2" thick inside wall 1" thick over benching and channel i/c fixing C.I main hole cover with frame of clear opening 1/2' x 1-1/2' of 1.75 cwt. (88.9 K.g) embeded in plain C.C 1:2:4 and fixing 1" dia M.S steps 6" wide projecting 4" from the face of wall at 12" C/C duly painted etc. com. as per spec. and drawing. 39 - 1 (a).	6	14,748	Each	88,488
31	Refiling of excavated staff in trenches i/c watering etc complete. 53- 24	3,150	2,760	% Cft.	86,940
32	Preparing surface and painting with Emulsion paint 78-29 Three coat	11,766	1762.75	% Sft	207,405
33	P/L Bitumen coating upon Roof & spreading of sand after bitumen coating etc complete as directed by the Engineer in Charge.	1,110	54.70	Per/Sft	60,717
34	P/L Stone Pitching i/c. making base with dressed stone 6" thick hard packing in allidnment and slopes directed by the Engineer in Charge.	1,480	5,377.63	%Cft.	79,589
35	P/Laying Cement pointing upto 20'ft Height with cement mortar 1:3 including finishing curing etc.complete.	1,480	1,077.45	%Sft.	15,946
36	P/L Colour Creat, Grafto, Texture, over cement palster etc complete	1,110	6,319.50	%Sft.	70,146
Total of Schedule Item Rs.					1,091,994

Signature of the Contractor with Stamp

14

NAME OF WORK: Extension / Construction of Chimpanzee Cage at Karachi Zoo CS&R, KMC.

BILL No. 3
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
37	Filling, watering & remming earth in floor with new earth (Excavated from out side) lead upto one chain & lift upto 5 ft. Ch-1-P-4/22	1,702	3,630.0	%0Cft.	6,178
38	Small Iron work such as gusset plate knees bends, strippups, rings etc. i/c cutting drilling reverting handling assembling & fixing but excluding erection in position. Ch-17-P-91/1	14.11	6420.61	P/Cwt.	90,576
39	Erection & Fitting in position of iron trusses staging of water tanks etc. Ch-17 - P-91-3	14.11	271.04	P/Cwt.	3,824
40	Preparing surface and painting guard bars, gates iron bars, grating, railing, i/c standard braces (etc) and similar open work.	4,440	674.60	% Sft	29,952
Total of Schedule Item Rs.					130,531
Grand Total Amount of Schedule Item Rs.					6,945,703

Signature of the Contractor with Stamp

GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Chimpanzee Cage at Karachi Zoo CS&R, KMC.

BILL No. 3

Bill of Quantities

Based on Offer Rate Items

S.No.	Description	Quantity	Rate in Figure	Rate in Words	Unit	Amount
41	P/Fixing Weld mesh size 3"x 3" & 10 gauge net i/c the cost of tees, angle iron frame 2"x 2" 10 gauge & mesh welded with angle iron frame & frame embaded in situ i/c cutting fitting & welding & as per drawing & design & specification.	1,480			O.R P/Sft.	
42	S/S/Stacking approved quality murrum etc complete i/c all lead & lift.	8,510			O.R P/Cft.	
43	Providing & Fixing Rockery Stone by Providing & Laying fragment upto 9" thick frame approved required set with 1:4 cement mortar i/c, loading, unloading scaffolding & curring upto height of 4ft from ground level as per directed by the Engineer Incharge.	2,016			O.R P/Cft.	
44	P/F fencing composed on G.I Pipe frame of hot dipped galvanized wire chain link fencing 2" x 2" mesh size of 8 gauge SWG commercial upto the height 10' from G/L. i/c the cost of straightening wire (12 Gauge) bracing with binding & clamps etc complete as per direction by the Engineer Incharge. (Excluding the cost of G.I Pipes & its fixture).	1,920			O.R P/Sft.	
45	Providing & Fixing & Erection of G.I Pipes i/c cutting, fitting & welding upto the height of 10'ft & extra painting to match the colour etc complete. (ILL Made 10 gauge frame & Specification i/c all necessary fitting complete i/c cost of red oxide on the side the cost of wastage of pipe as per directed by the Engineer Incharge					
	3" Dia	594			O.R P/Rft.	
	1-1/2" Dia	1,460			O.R P/Rft.	
	1" Dia	130			O.R P/Rft.	
46	P/F Fibre Glass 6mm thick shade fixed on angle iron frame i/c reviting nut bolts washer upto the height of 12 i/c loading unloading cutting & fitting with all necessary fitting etc complete as direction by the Engineer Incharge.	1,480			O.R P/Sft.	
Total of Offer Rate Item Rs.=						

Signature of the Contractor with Stamp

GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Chimpanzee Cage at Karachi Zoo CS&R, KMC.

BILL No. 3
SUMMARY

Time Limit: _____.

Penalty : Rs. _____ / - Per Day _____.

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs. 69,45,703/- _____ % above / Below of S.R.	Rs. _____
Part-B	Item base on O/Rate Amount Rs. _____	Rs. _____
Grand Total (A + B)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

- I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____ Dated: _____.

Amounting to Rs. _____ Issued from _____.

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____.

Project Director
Local Government Project, LG, GOS

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Golden Tabby Tiger Cage Near Gate No.1 at Karachi Zoo CS&R, KMC.

BILL No. 4
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
1	Dismantling cement concrete reinforced separating cleaning and stranghtexing the same (10/20)	2,342	5,445.0	% Cft.	127,508
2	Dismantling cement concrete plane 1:2:4 (10/19-c)	1,485.12	3,327.0	% Cft.	49,410
3	Dismantling glazed or encaustic tiles etc.(13/55)	1,776	786.50	% Sft.	13,968
4	Earth work Excavation in irrigation channels, drain etc dress to designed section grades and profiles excavation material. In ordinary soil (1/5-a)	4,097.75	2,420.0	%0Cft.	9,917
5	C.C.plain i/c placing compacting, finishing and curing complete (i) ratio 1:4:8 (16/5)	2,151	11,288.75	% Cft.	242,774
6	C.C. plain i/c placing compacting finishing and curing complete (f) ratio 1:2:4 situ (16/5)	4,176	14,429.25	% Cft.	602,532
7	Fabrication of mild steel reinforcement for C.C. i/c cutting, bending, laying in position, making joints and fastenings i/c cost of binding wire removal of rust (17/8-a)	157.70	4,820.20	P/Cwt.	760,150
8	Erection and removal of Contering for R.C.C. or plain C.C. works of deodar wood (2nd class (18/19-a)	6,648.72	7,693.13	% Sft.	511,495
9	Filling, watering and ramming surplus excavated earth upto 5' 0" (4/21)	2,253.76	1,512.50	% 0 Cft.	3,409
10	Filling, watering and remaining earth under floor new earth from outside upto 5 ft. (4/22)	14,721.24	3,630.00	% 0 Cft.	534,381
11	Small iron work such as gusst plate knees bands, stirrups, rings etc i.c cutting, drelling neverting, handling assembling and fixing but excluding erection in position (91/1)	329.58	6,420.61	P/Cwt.	2,116,136
12	Erection and fitting in position of iron trusses staging of vale tanks etc.(91/3)	329.58	271.04	P/Cwt.	89,331
13	Cement plaster 1:4 upto 12' height (b) 1/2" think (52/11)	6,855.50	2,283.93	% Sft.	156,575
14	S/Stacking at site stone metal of size 3/4" - 1-1/2" (19mm to 38mm) i/c screening washing and spreading washing and spreading the same in beds to correct level etc complete. (56/c-1)	6,302	3,410	% Cft.	214,898
15	P/L 2" thick topping C.C. (1:2:4) i/c surface topping C.C. (1:2:4) i/c surface finishing and dividing into panels.)42/16 (1,480	3,275.50	% Sft.	48,477
16	P/L 3" thick topping C.C. (1:2:4) i/c surface finishing and during into pannels.(42/16)	450	4,411.82	% Sft.	19,853
17	P/F cement paving blocks flooring size 197 x 97 x 60 mm cobble shape pigmented, having 5000 psi to 8500 psi i/c filling joint with hill sand and laying in specification manes pattern and design etc. (49/72).(20% Below)	6,302	179.18	P/Sft.	1,129,167
18	Carriage of 100 cft. 5 tons of all material etc. or 100 nos bricks 10" x 5"x3" or tiles 150 cft by trucks or any other means owned by the contractor 15 mils. (1/1)	5,602.87	1,065	% Cft.	59,671
19	Distempering three coats once prime coat of chalk distemper (54/23) (54/24)	6,855.50	1,522.40	% Sft.	104,368
20	Preparing surface and painting with emulsion paint three coats. (72/29)	8,203	1,762.75	% Sft.	144,598
Total of Schedule Item Rs.					6,938,617

Signature of the Contractor with Stamp

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BILL No. 4

Bill of Quantities

Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
21	P/F G.I pipes specials and clamps etc. i/c fixing cutting and fitting complete i/c the cost of breaking through walls and roof making good etc. painting two coats after cleaning the pipe etc. with white zink paint with pigment to match the color of the building and testing with water to a pressure head of 200 feet handline				
	1/2" Φ	200	73.21	Per/Rft	14,642
	1" Φ	200	128.55	Per/Rft	25,710
22	P/F full way gun metal valves with wheels threaded or flanged ends with rubler washing .14 - 6				
	1/2" Φ	2	134.42	Each	269
	1" Φ	2	260.92	Each	522
23	S/F bib cocks of superior quality with c.p head 1/2" dai. 15 - 15 (a)	4	1,109.46	Each	4,438
24	Providing & Fixing 3" dia C.I vent pipes i/c cutting, fitting etc. complete. 8 - 1 & 9 - 13				
	3" dia C.I Pipes	100	289.25	Per/Rft	28,925
25	P/F 4" dia C.I plain bend 45 degree of the required degree with i/c extra painting to match the color of the building. 9 - 9				
	3" dia C.I Pipes	8	566.70	Each	4,534
26	Excavation for pipes line in treaches in all kind of soil	3,150	4,650	% Cft.	146,475
27	Construction manhole or inspection chamber for req. dai and speci. circular sewer and 3'-6" deep with wall of B.B in cement mortar 1:3 cement plaster 1:3:1/2" thick inside wall 1" thick over benching and channel i/c fixing C.I main hole cover with frame of clear opening 1/2' x 1-1/2 of 1.75 cwt. (88.9 K.g) embeded in plain C.C 1:2:4 and fixing 1" dia M.S steps 6" wide projecting 4" from the face of wall at 12" C/C duly painted etc. com. as per spec. and drawing. 39 - 1 (a).	6	14,748	Each	88,488
28	Refiling of excavated staff in tranches i/c watering etc complete. 53- 24	3,150.0	2,760	% Cft.	86,940
29	Preparing surface and painting with Emulsion paint 78-29				
	Three coat	9,546.0	1762.75	% Sft	168,272
30	P/L Bitumen coating upon Roof & spreading of sand after bitumen coating etc complete as directed by the Engineer in	4,218.0	54.70	Per/Sft	230,725
Total of Schedule Item Rs.					799,939
Grand Total Amount of Schedule Item Rs.					7,738,555

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Golden Tabby Tiger Cage Near Gate No.1 at Karachi Zoo CS&R, KMC.

BILL No. 4
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Rate in Words	Unit	Amount
31	P/L and fixing M.S pipe made out of 7.9 mm thick sheet grade i/c cutting jointing and required accessories					
	(a) 1-1/2" Dia	120			O.R P/Rft.	
	(b) 3/4" Dia	444			O.R P/Rft.	
	(c) 1/2" Dia	160			O.R P/Rft.	
32	P/F stone rocky in two layer one layer laid on R.C.C. 150 Sft. Slab covered with stone in level form for comfortable shad sitting for wild animals wall, base, side and roof completely cover by stones shad must be shown like cause for preand animal for weather and rain show jungle secne drawing design showed	300			O.R P/Sft.	
33	P/F galvanized 2"x2" size chain link as per drawing and de sign specification i/c cutting jointing, fixing and welding with pole / angle iron posts etc. complete with all respect.	6,000			O.R P/Sft.	
34	P/Fixing Enclosure mesh 3"x 3" & 10 gauge net i/c angle iron frame 2"x 2" 10 gauge & mesh welded with angle iron frame & frame embaded in situ i/c cutting fitting & welding & as per drawing & design & specification.	4,218			O.R P/Sft.	
35	S/S/Stacking approved quliaty murrum etc complete i/c all lead & lift.	10,545			O.R P/Cft.	
36	P/F Fibre Glass 6mm thick shade fixed on angle iron frame i/c reviting nut bolts washer upto the height of 12 i/c loading unloading cutting & fitting with all necessary fitting etc complete as direction by the Engineer Incharge.	1,480			O.R P/Sft.	
37	Providing & Fixing of Aclaric Glass Sheet (12mm) thick having a size of (4' x 8') superior quality i/c the cost of pasting of (6mm) glass on aclaric sheet one side & replacing 1-1/2 x 1-1/2 into 2-1/2" x 2-1/2" angle stainless steel angle & stainless steel nuts & bolts & i/c the cost of replacing of existing 2" dia G.I Pipe & i/c the cost of all kind of cutting, fitting, welding on stainless steel angle or G.I Pipe etc complete as directed by the Engineer Incharge.	1,110			O.R P/Sft.	
Total Amount of Offer Rate Items Rs.=						

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Golden Tabby Tiger Cage Near Gate No.1 at Karachi Zoo CS&R, KMC.

BILL No. 4
SUMMARY

Time Limit: _____

Penalty : Rs. _____ / - Per Day _____

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs.77,38,555/- _____ % above / Below of S.R.	Rs. _____
Part-B	Item base on O/Rate Amount Rs. _____	Rs. _____
Grand Total (A + B)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____

Dated: _____

Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____

Project Director
Local Government Project, LG, GOS

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Tiger Cages at Karachi Zoo CS&R, KMC.

BILL No. 5
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
1	Dismantling of Removing Net & removing	3,264	121.00	%Sft.	3,949
2	Dismantling of CC Plain 1:2:4 work cast in situ in foundation basement and plinth i/c disposal of surplus material. With in three chain.	1,426.25	3,327.50	%Cft.	47,458
3	Dismantling of Iron work of trusses shades, water tanks, etc excluding C&W cutting of. Ch-2 P-13/41	35.89	278.30	P/Cwt.	9,989
4	Dismantling of Cement Block Masonry. Ch-2 P-10-14	540	1,134.38	%Cft.	6,126
5	Dismantling of Cement Concrete Reinforcement separating reinforcement from concrete cleaning straightening the same. Ch-2 P-10/20	1,426.25	5,445.00	%Cft.	77,659
6	Cartage of 100 Cft/5 ton of all material likes on aggregates spawl coal lime surkhi etc., B.G. Rail fastening points and crossing bridges guarders, Pipes sheets rains, M.S. Bars etc., or 1000 Nos. bricks 10x5x3 pr 100 moulds of fuel wood by trucks or any other mean owned by the contractor lead upto 10 miles.	3,392.50	714.29	%Cft.	24,232
7	Excavation for foundation of building bridges and other structures i/c degelling dassing refilling around structure with excavated earth watering and remming leas upto 5 ft. 4 - 18 (b)	3,908.25	3,176.25	%0Cft.	12,414
8	Cement Concrete brick or stone blast 1-1/2 inch to 2 inch gauge. Ratio 1 : 4 : 8 - 17 - 4 (b)	2,102.75	9,416.28	%Cft.	198,001
9	Erection & removal of centering for R.C.C or plain C.C. work of deodar wood (2nd class) 21-18-(a)(ii)	815	7,000	%Sft.	57,050
10	Cement Concrete plain 1 : 2 : 4 i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering 18-5 (a)	539.50	14,429.25	%Cft.	77,846
11	Reinforced Cement Concrete including all labour and material except the cost of steel reinf. and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle). 19-6 (i)	3,277.63	258.61	P/Cft.	847,627
12	Fabrication of Mild Steel reinforcement for cement concrete i/c cutting bending laying in pision making joints and fastenings i/c cost of binding wire (also i/c removal of rust from bars). 20 - 7 - ii (a)	160.95	5,001.70	P/Cwt.	805,048
13	P/L 1:3:6 cement concrete Solid Block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor super structre i/c raking out jointd & curing etc. Complete. 22 - 23	1,568	15,771.01	%Cft.	247,289
14	Cement Plaster 1:4 upto 20' height. 58 - 11	12,165.75	2,283.93	%Sft.	277,857
Total of Schedule Item Rs.					2,692,545

Signature of the Contractor with Stamp

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BILL No. 5**Bill of Quantities****Based on Schedule Items**

S.No.	Description	Quantity	Rate in Figure	Unit	Amount	
15	Providing and fixing 197 x 97 x 60 (mm) natural colour or pigment inter locking concrete Pavers Blocks (Approved make 8500 psi) for footpath including preparing the base, medium sharp, cleaned sand screened to required level in thickness of 2" average after compaction etc. complete.(20% Below)	2,344	159.82	P/Sft.	374,609	
16	Preparing & painting on Kerb Block etc complete as directed by the Engineer.(Two Coat)	190	1,421.75	%Sft.	2,701	
17	P/F fair face industrially produced pre-cast kerb stone with ration by weight of 1:1:5:3 (one part SR Cement 1.5 part screened sand and 3 part crushed stone) cement concrete having maximum cube crushed strength of 3750 psi after 28 days and having weight etc complete.	152	297.01	P/Rft.	45,146	
18	Fabrication of heavy steel work with angle tees, flat iron, round iron and sheeds iron for making trusses girders tanks, etc. i/c cutting, drilling riveting handling assembling and fixing but excluding erection in position. 96 - 2	224.95	4,928.49	Per/Cwt	1,108,646	
19	Damp proof course with cement sand Ratio (1:2) mix with dampo 3/4 inches thick.	620.25	2,401.58	% Sft	14,896	
20	P/L 2" thick Flooring Cement Concrete 1 : 2 : 4 i/c surface finishing and curing complete and dividing into panels. 47 - 16 (a) (b) (3" Thick)	400	3,275.50	%Sft.	13,102	
21	P / L white glaze tiles 6" x 6" 1/4" on floor or wall facing in req patten of STILE specification jointed in white cement and pigment over base a of 1:2 gray cement mortar 3/4" thick i/c washing & filling of joints with slurry of white cement & pigment desire shape with finishing cleaning & cost of wax polish etc. complete i/c cutting tiles to proper profile. 53 - 60 (20% Below)	480	24,407.82	% Sft	117,158	
22	Preparing surface Distempering. - 60 - 24 (c). Three coat.	12,165.75	1,079.65	% Sft	131,348	
23	P/F G.I pipes specials and clamps etc. i/c fixing cutting and fitting complete i/c the cost of breaking through walls and roof making good etc. painting two coats after cleaning the pipe etc. with white zink paint with pigment to match the color of the building and testing with water to a pressure head of 200 feet handline					
		1/2" Φ	200	73.21	Per/Rft	14,642
		1" Φ	200	128.55	Per/Rft	25,710
24	P/F full way gun metal valves with wheels threaded or flanged ends with rubler washing. 14 - 6					
		1/2" Φ	2	134.42	Each	269
		1" Φ	2	260.92	Each	522
25	S/F bib cocks of superior quality with c.p head 1/2" dai. 15 - 15 (a)	4	1,109.46	Each	4,438	
26	Providing & Fixing 3" dia C.I vent pipes i/c cutting, fitting etc. complete. 8 - 1 & 9 - 13					
		3" dia C.I Pipes	100	289.25	Per/Rft	28,925
Total of Schedule Item Rs.					1,882,110	

Signature of the Contractor with Stamp

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BILL No. 5**Bill of Quantities****Based on Schedule Items**

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
27	P/F 4" dia C.I plain bend 45 degree of the required degree with i/c extra painting to match the color of the building.9 - 9 3" dia C.I Pipes	8	566.70	Each	4,534
28	Excavation for pipes line in treaches in all kind of soil	3,150	4,650.0	% Cft.	146,475
29	P/F R.C.C pipe & collars of class B and fixing in trench i/c cutting, fitting and jointing with mixphalt composition and cement mortar (1 : 1) i/c testing with water to ahead of 22.5 meter or 75 ft. 17 - 2 (c) & (e)				
	9" Dia	400	229.0	Per/Rft	91,600
	12" Dia	500	412.0	Per/Rft	206,000
30	Construction manhole or inspection chamber for req. dai and speci. circular sewer and 3'-6" deep with wall of B.B in cement mortar 1:3 cement plaster 1:3:1/2" thick inside wall 1" thick over benching and channel i/c fixing C.I main hole cover with frame of clear opening 1/2' x 1-1/2 of 1.75 cwt. (88.9 K.g) embeded in plain C.C 1:2:4 and fixing 1" dia M.S steps 6" wide projecting 4" from the face of wall at 12" C/C duly painted etc. com. as per spec. and drawing. 39 - 1 (a).	6	14,748.0	Each	88,488
31	Refiling of excavated staff in tranches i/c watering etc complete. 53- 24	3,150	2,760.0	% Cft.	86,940
32	Preparing surface and painting with Emulsion paint 78-29 Three coat	12,084	1762.75	% Sft	213,011
33	P/L Bitumen coating upon Roof & spreading of sand after bitumen coating etc complete as directed by the Engineer in Charge.	2,964	54.70	Per/Sft	162,131
34	P/L Stone Pitching i/c. making base with dressed stone 6" thick hard packing in allidnment and slopeas directed by the Engineer in Charge.	1,520	5,377.63	%Cft.	81,740
35	P/Laying Cement pointing upto 20'ft Height with cement mortar 1:3 including finishing curing etc.complete.	1,520	1,077.45	%Sft.	16,377
36	P/L Colour Creat, Grafto, Texture, over cement palster etc complete	1,140	6,319.50	%Sft.	72,042
37	Filling, watering & remming earth in floor with new earth (Excavated from out side) lead upto one chain & lift upto 5 ft. Ch-1-P-4/22	2,736	3,630	%0Cft.	9,932
38	Small Iron work such as gusset plate knees bends, strippups, rings etc. i/c cutting drilling reverting handling assembling & fixing but excluding erection in position. Ch-17-P-91/1	14.11	6420.61	P/Cwt.	90,576
39	Erection & Fitting in position of iron trusses staging of water tanks etc. Ch-17 - P-91-3	14.11	271.04	P/Cwt.	3,824
40	Preparing surface and painting guard bars, gates iron bars, grating, railing, i/c standard braces (etc) and similar open work.	5,472	674.60	% Sft	36,914
Total of Schedule Item Rs.					1,310,583
Grand Total Amount of Schedule Item Rs.					5,885,238

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Tiger Cages at Karachi Zoo GS&R, KMC.

BILL No. 5

Bill of Quantities

Based on Offer Rate Items

S.No.	Description	Quantity	Rate in Figure	Rate in Words	Unit	Amount
41	P/Fixing Weld mesh size 3"x 3" & 10 gauge net i/c the cost of tees, angle iron frame 2"x 2" 10 gauge & mesh welded with angle iron frame & frame embaded in situ i/c cutting fitting & welding & as per drawing & design & specification.	400			O.R P/Sft.	-
42	S/S/Stacking approved quliaty murrum etc complete i/c all lead & lift.	13,680			O.R P/Cft.	-
43	Providing & Fixing Rockery Stone by Providing & Laying fragment upto 9" thick frame approved required set with 1:4 cement mortor i/c, loading, unloading scaffolding & curring upto height of 4ft from ground level as per directed by the Engineer Incharge.	1,380			O.R P/Cft.	-
44	P/F fencing composed on G.I Pipe frame of hot dipped galvanized wire chain link fencing 2" x 2" mesh size of 8 gauge SWG commercial upto the height 10' from G/L i/c the cost of straightening wire (12 Gauge) bracing with binding & clamps etc complete as per direction by the Engineer Incharge. (Excluding the cost of G.I Pipes & its fixture).	2,964			O.R P/Sft.	-
45	Providing & Fixing & Erection of G.I Pipes i/c cutting, fitting & welding upto the height of 10'ft & extra painting to match the colour etc complete. (ILL Made 10 gauge frame & Specifacation i/c all necessary fitting complete i/c cost of red oxide on the side the cost of westage of pipe as per directed by the Engineer Incharge.					
	3" Dia	630			O.R P/Rft.	-
	1-1/2" Dia	1,460			O.R P/Rft.	-
	1" Dia	580			O.R P/Rft.	-
46	P/F Fibre Glass 6mm thick shade fixed on angle iron frame i/c reviting nut bolts washer upto the height of 12 i/c loading unloading cutting & fitting with all necessary fitting etc complete as direction by the Engineer Incharge.	1,520			O.R P/Sft.	-
47	Providing & Fixing of Aclaric Glass Sheet (12mm) thick having a size of (4' x 8') superior quality i/c the cost of pasting of (6mm) glass on aclaric sheet one side & replacing 1-1/2 x 1-1/2 into 2-1/2" x 2-1/2" angle stainless steel angle & stainless steel nuts & bolts & i/c the cost of replacing of existing 2" dia G.I Pipe & i/c the cost of all kind of cutting, fitting, welding on stainless steel angle or G.I Pipe etc complete as directed by the Engineer Incharge.	1,140			O.R P/Sft.	-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Tiger Cages at Karachi Zoo CS&R, KMC.

BILL No. 5
SUMMARY

Time Limit: _____

Penalty : Rs. _____ / - Per Day _____

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs.58,85,238/- _____ % above / Below of S.R.	Rs. _____
Part-B	Item base on O/Rate Amount Rs. _____	Rs. _____
Grand Total (A +B)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____ Dated: _____

Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____

Project Director
Local Government Project, LG, GOS

GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Puma Cages at Karachi Zoo CS&R, KMC.

BILL No. 6
Bill of Quantities

Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
1	Dismantling of Removing Net & removing	4,512	121.00	%Sft.	5,460
2	Dismantling of CC Plain 1:2:4 work cast in situ in foundation basement and plinth i/c disposal of surplus material. With in three chain.	1,426.25	3,327.50	%Cft.	47,458
3	Dismantling of Iron work of trusses shades, water tanks, etc excluding C&W cutting of. Ch-2 P-13/41	35.89	278.30	P/Cwt.	9,989
4	Dismantling of Cement Block Masonry.Ch-2 P-10-14	540	1,134.38	%Cft.	6,126
5	Dismantling of Cement Concrete Reinforcement separating reinforcement from concrete cleaning straightening the same. Ch-2 P-10/20	1,426.25	5,445.00	%Cft.	77,659
6	Cartage of 100 Cft/5 ton of all material likes on aggregates spawl coal lime surkhi etc., B.G. Rail fastening points and crossing bridges guarders, Pipes sheets rains, M.S. Bars etc., or 1000 Nos. bricks 10x5x3 pr 100 moulds of fuel wood by trucks or any other mean owned by the contractor lead upto 10 miles.	3,392.50	714.29	%Cft.	24,232
7	Excavation for foundation of building bridges and other structures i/c degelling dassing refilling around structure with excavated earth watering and remming leas upto 5 ft. 4 - 18 (b)	3,908.25	3,176.25	%0Cft.	12,414
8	Cement Concrete brick or stone blast 1-1/2 inch to 2 inch gauge. Ratio 1 : 4 : 8 - 17 - 4 (b)	1,946.75	9,416.28	%Cft.	183,311
9	Erection & removal of centering for R.C.C or plain C.C. work of deodar wood (2nd class). 21 - 18 - (a) (ii)	815	7,000.00	%Sft.	57,050
10	Cement Concrete plain 1 : 2 : 4 i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering 18-5 (a)	539.50	14,429.25	%Cft.	77,846
11	Reinforced Cement Concrete including all labour and material except the cost of steel reinf.and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds lifting, shuttering, curing , rendering and finishing the exposed surface (including screening and washing of shingle).19-6 (i)	3,226.63	258.61	P/Cft.	834,437
12	Fabrication of Mild Steel reinforcement for cement concrete i/c cutting bending laying in pision making joints and fastenings i/c cost of binding wire (also i/c removal of rust from bars). 20 - 7 - ii (a)	158.45	5,001.70	P/Cwt.	792,521
13	P/L 1:3:6 cement concrete Solid Block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor super structre i/c raking out jointd & curing etc. Complete . 22 - 23	1,568	15,771.01	%Cft.	247,289
14	Cement Plaster 1:4 upto 20' height. 58 - 11	12,165.75	2,283.93	%Sft.	277,857
Total of Schedule Item Rs.					2,653,650

Signature of the Contractor with Stamp

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BILL No. 6**Bill of Quantities****Based on Schedule Items**

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
15	Providing and fixing 197 x 97 x 60 (mm) natural colour or pigment inter locking concrete Pavers Blocks (Approved make 8500 psi) for footpath including preparing the base, medium sharp, cleaned sand screened to required level in thickness of 2" average after compaction etc. complete.(20%Below)	2,344	159.82	P/Sft.	374,609
16	Preparing & painting on Kerb Block etc complete as directed by the Engineer.(Two Coat)	190	1,421.75	%Sft.	2,701
17	P/F fair face industrially produced pre-cast kerb stone with ration by weight of 1:1:5:3 (one part SR Cement 1.5 part screened sand and 3 part crushed stone) cement concrete having maximum cube crushed strength of 3750 psi after 28 days and having weight etc complete.	152	297.01	P/Rft.	45,146
18	Fabrication of heavy steel work with angle tees, flat iron, round iron and sheeds iron for making trusses girders tanks, etc. i/c cutting, drilling riveting handling assembling and fixing but excluding erection in position. 96 - 2	224.95	4,928.49	Per/Cwt	1,108,646
19	Damp proof course with cement sand Ratio (1:2) mix with dampo 3/4 inches thick.	620.25	2,401.58	% Sft	14,896
20	P/L 2" thick Flooring Cement Concrete 1 : 2 : 4 i/c surface finishing and curing complete and dividing into panels. 47 - 16 (a) (b) (3" Thick)	400	3,275.50	%Sft.	13,102
21	P / L white glaze tiles 6" x 6" 1/4" on floor or wall facing in req patten of STILE specification jointed in white cement and pigment over base a of 1:2 gray cement mortar 3/4" thick i/c washing & filling of joints with slurry of white cement & pigment desire shape with finishing cleaning & cost of wax polish etc. complete i/c cutting tiles to proper profile. 53 - 60 (20% Below)	480	24,407.82	% Sft	117,158
22	Preparing surface Distempering. - 60 - 24 (c). Three coat.	12,165.75	1,079.65	% Sft	131,348
23	P/F G.I pipes specials and clamps etc. i/c fixing cutting and fitting complete i/c the cost of breaking through walls and roof making good etc. painting two coats after cleaning the pipe etc. with white zink paint with pigment to match the color of the building and testing with water to a pressure head of 200 feet handling				
	1/2" Φ	200	73.21	Per/Rft	14,642
	1" Φ	200	128.55	Per/Rft	25,710
24	P/F full way gun metal valves with wheels threaded or flanged ends with rubler washing .14 - 6				
	1/2" Φ	2	134.42	Each	269
	1" Φ	2	260.92	Each	522
25	S/F bib cocks of superior quality with c.p head 1/2" dai. 15 - 15 (a)	4	1,109.46	Each	4,438
26	Providing & Fixing 3" dia C.I vent pipes i/c cutting, fitting etc. complete . 8 - 1 & 9 - 13				
	3" dia C.I Pipes	100	289.25	Per/Rft	28,925
Total of Schedule Item Rs.					1,882,110

Signature of the Contractor with Stamp

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BILL No. 6**Bill of Quantities****Based on Schedule Items**

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
27	P/F 4"dia C.I plain bend 45 degree of the required degree with i/c extra painting to match the color of the building.9 - 9 3" dia C.I Pipes	8	566.70	Each	4,534
28	Excavation for pipes line in treaches in all kind of soil	3,150	4,650.0	% Cft.	146,475
29	P/F R.C.C pipe & collars of class B and fixing in trench i/c cutting, fitting and jointing with mixphalt composition and cement mortar (1 : 1) i/c testing with water to ahead of 22.5 meter or 75 ft. 17 - 2 (c) & (e) 9" Dia	400	229.0	Per/Rft	91,600
30	Construction manhole or inspection chamber for req. dai and speci. circular sewer and 3'-6" deep with wall of B.B in cement mortar 1:3 cement plaster 1:3:1/2" thick inside wall 1" thick over benching and channel i/c fixing C.I main hole cover with frame of clear opening 1/2' x 1-1/2 of 1.75 cwt. (88.9 K.g) embeded in plain C.C 1:2:4 and fixing 1" dia M.S steps 6" wide projecting 4" from the face of wall at 12" C/C duly painted etc. com. as per spec. and drawing. 39 - 1 (a). 12" Dia	500	412.0	Per/Rft	206,000
31	Refiling of excavated staff in tranches i/c watering etc complete. 53- 24	6	14,748.0	Each	88,488
32	Preparing surface and painting with Emulsion paint 78-29	3,150	2,760.0	% Cft.	86,940
33	Three coat P/L Bitumen coating upon Roof & spreading of sand after bitumen coating etc complete as directed by the Engineer in Charge.	12,084	1762.75	% Sft.	213,011
34	P/L Stone Pitching i/c. making base with dressed stone 6" thick hard packing in allidnment and slopes directed by the Engineer in Charge.	2,964	54.70	Per/Sft	162,131
35	P/Laying Cement pointing upto 20'ft Height with cement mortor 1:3 including finishing curing etc.complete.	1,520	5,377.63	%Cft.	81,740
36	P/L Colour Creat, Grafto, Texture, over cement palster etc complete	1,520	1,077.45	%Sft.	16,377
37	P/L Colour Creat, Grafto, Texture, over cement palster etc complete	1,140	6,319.50	%Sft.	72,042
38	Filling, watering & remming earth in floor with new earth (Excavated from out side) lead upto one chain & lift upto 5 ft. Ch-1-P-4/22	2,736	3,630	%0Cft.	9,932
39	Small Iron work such as gusset plate knees bends, strippups, rings etc. i/c cutting drilling reverting handling assembling & fixing but excluding erection in position. Ch-17-P-91/1	14.11	6420.61	P/Cwt.	90,576
40	Erection & Fitting in position of iron trusses staging of water tanks etc. Ch-17 - P-91-3	14.11	271.04	P/Cwt.	3,824
40	Preparing surface and painting guard bars, gates iron bars, grating, railing, i/c standard braces (etc) and similar open work.	5,472	674.60	% Sft	36,914
Total of Schedule Item Rs.					1,310,583
Grand Total Amount of Schedule Item Rs.					5,846,343

Signature of the Contractor with Stamp

29
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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Puma Cages at Karachi Zoo CS&R, KMC.

BILL No. 6

Bill of Quantities

Based on Offer Rate Items

S.No.	Description	Quantity	Rate in Figure	Rate in Words	Unit	Amount
41	P/Fixing Weld mesh size 3"x 3" & 10 gauge net i/c the cost of angle iron frame 2"x 2" 10 gauge & mesh welded with angle iron frame & frame embaded in situ i/c cutting fitting & welding & as per drawing & design &	400			O.R P/Sft.	-
42	S/S/Stacking approved quality murrum etc complete i/c all lead & lift.	13,680			O.R P/Cft.	-
43	Providing & Fixing Rockery Stone by Providing & Laying fragment upto 9" thick frame approved required set with 1:4 cement mortar i/c. loading, unloading scaffolding & curring upto height of 4ft from ground level as per directed by the Engineer Incharge.	1,380			O.R P/Cft.	-
44	P/F fencing composed on G.I Pipe frame of hot dipped galvanized wire chain link fencing 2" x 2" mesh size of 8 gauge SWG commercial upto the height 10' from G/L i/c the cost of straightening wire (12 Gauge) bracing with binding & clamps etc complete as per direction by the Engineer Incharge. (Excluding the cost of G.I Pipes & its	2,964			O.R P/Sft.	-
45	Providing & Fixing & Erection of G.I Pipes i/c cutting, fitting & welding upto the height of 10'ft & extra painting to match the colour etc complete. (ILL Made 10 gauge frame & Specifacation i/c all necessary fitting complete i/c cost of red oxide on the side the cost of westage of pipe as per directed by the Engineer Incharge.					
	3" Dia	630			O.R P/Rft.	-
	1-1/2" Dia	1,460			O.R P/Rft.	-
	1" Dia	580			O.R P/Rft.	-
46	P/F Fibre Glass 6mm thick shade fixed on angle iron frame i/c reviting nut bolts washer upto the height of 12 i/c loading unloading cutting & fitting with all necessary fitting etc complete as direction by the Engineer	1,520			O.R P/Sft.	-
47	Providing & Fixing of Aclaric Glass Sheet (12mm) thick having a size of (4' x 8') superior quality i/c the cost of pasting of (6mm) glass on aclaric sheet one side & replacing 1-1/2 x 1-1/2 into 2-1/2" x 2-1/2" angle stainless steel angle & stainless steel nuts & bolts & i/c the cost of replacing of existing 2" dia G.I Pipe & i/c the cost of all kind of cutting, fitting, welding on stainless steel angle or G.I Pipe etc complete as directed by the	1,140			O.R P/Sft.	-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of Puma Cages at Karachi Zoo CS&R, KMC.

BILL No. 6
SUMMARY

Time Limit: _____

Penalty : Rs. _____ / - Per Day _____

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs. 58,46,343/- % above / Below of S.R.	Rs. _____
Part-B	Item base on O/Rate Amount Rs. _____	Rs. _____
Grand Total (A + B)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____ Dated: _____

Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____

Project Director
Local Government Project, LG, GOS

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of White Lion Cage at Karachi Zoo CS&R, KMC.

BILL No. 7

Bill of Quantities

Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
1	Dismantling of Removing Net & removing	1,728	121.00	%Sft.	2,091
2	Dismantling of CC Plain 1:2:4 work cast in situ in foundation basement and plinth i/c disposal of surplus material. With in three chain.	1,025.50	3,327.50	%Cft.	34,124
3	Dismantling of Iron work of trusses shades, water tanks, etc excluding C&W cutting of. Ch-2 P-13/41	35.89	278.30	P/Cwt.	9,989
4	Dismantling of Cement Block Masonry.Ch-2 P-10-14	1,470	1,134.38	%Cft.	16,675
5	Dismantling of Cement Concrete Reinforcement separating reinforcement from concrete cleaning straightening the same. Ch-2 P-10/20	962.50	5,445.00	%Cft.	52,408
6	Cartage of 100 Cft/5 ton of all material likes on aggregates spawl coal lime surkhi etc., B.G. Rail fastening points and crossing bridges guarders, Pipes sheets rains, M.S. Bars etc., or 1000 Nos. bricks 10x5x3 pr 100 moulds of fuel wood by trucks or any other mean owned by the contractor lead upto 10 miles.	3,458	714.29	%Cft.	24,700
7	Excavation for foundation of building bridges and other structures i/c degelling dassing refilling around structure with excavated earth watering and remming leas upto 5 ft. 4 - 18 (b)	2,286	3,176.25	%0Cft.	7,261
8	Cement Concrete brick or stone bllast 1-1/2 inch to 2 inch gauge. Ratio 1 : 4 : 8 - 17 - 4 (b)	1,562	9,416.28	%Cft.	147,082
9	Erection & removal of centering for R.C.C or plain C.C. work of deodar wood (2nd class). 21 - 18 - (a) (ii)	586	7,000.00	%Sft.	41,020
10	Cement Concrete plain 1 : 2 : 4 i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering 18-5 (a)	407	14,429.25	%Cft.	58,727
11	Reinforced Cement Concrete including all labour and material except the cost of steel reinf.and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds lifting, shuttering, curing , rendering and finishing the exposed surface (including screening and washing of shingle).19-6 (i)	2,565.88	258.61	P/Cft.	663,561
12	Fabrication of Mild Steel reinforcement for cement concrete i/c cutting bending laying in pision making joints and fastenings i/c cost of binding wire (also i/c removal of rust from bars). 20 - 7 - ii (a)	126.0	5,001.70	P/Cwt.	630,228
13	P/L 1:3:6 cement concrete Solid Block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor super structre i/c raking out jointd & curing etc. Complete . 22 - 23	854.0	15,771.01	%Cft.	134,684
14	Cement Plaster 1:4 upto 20' height. 58 - 11	9,487.50	2,283.93	%Sft.	216,688
Total of Schedule Item Rs.					2,039,239

Signature of the Contractor with Stamp

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NAME OF WORK: Extension / Construction of White Lion Cage at Karachi Zoo CS&R, KMC.

BILL No. 7

Bill of Quantities

Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
15	Providing and fixing 197 x 97 x 60 (mm) natural colour or pigment inter locking concrete Pavers Blocks (Approved make 8500 psi) for footpath including preparing the base, medium sharp, cleaned sand screened to required level in thickness of 2" average after compaction etc.complete(20% Below)	2,294	159.82	P/Sft.	366,618
16	Preparing & painting on Kerb Block etc complete as directed by the Engineer.(Two Coat)	185	1,421.75	%Sft.	2,630
17	P/F fair face industrially produced pre-cast kerb stone with ration by weight of 1:1:5:3 (one part SR Cement 1.5 part screened sand and 3 part crushed stone) cement concrete having maximum cube crushed strength of 3750 psi after 28 days and having weight etc complete.	148	297.01	P/Rft.	43,957
18	Fabrication of heavy steel work with angle tees, flat iron, round iron and sheeds iron for making trusses girders tanks, etc. i/c cutting, drilling riveting handling assembling and fixing but excluding erection in position. 96 - 2	84.24	4,928.49	Per/Cwt	415,181
19	Damp proof course with cement sand Ratio (1:2) mix with dampo 3/4 inches thick.	551.50	2,401.58	% Sft	13,245
20	P/L 2" thick Flooring Cement Concrete 1 : 2 : 4 i/c surface finishing and curing complete and dividing into panels. 47 - 16 (a) (b) (3" Thick)	400	3,275.50	%Sft.	13,102
21	P / L white glaze tiles 6" x 6" 1/4" on floor or wall facing in req patten of STILE specification jointed in white cement and pigment over base a of 1:2 gray cement mortar 3/4" thick i/c washing & filling of joints with slurry of white cement & pigment desire shape with finishing cleaning & cost of wax polish etc. complete i/c cutting tiles to proper profile. 53 - 60 (20% Below)	480	24,407.82	% Sft	117,158
22	Preparing surface Distempering. - 60 - 24 (c). Three coat.	9,487.50	1,079.65	% Sft	102,432
23	P/F G.I pipes specials and clamps etc. i/c fixing cutting and fitting complete i/c the cost of breaking through walls and roof making good etc. painting two coats after cleaning the pipe etc. with white zink paint with pigment to match the color of the building and testing with water to a pressure head of 200 feet headline				
	1/2" Φ	200	73.21	Per/Rft	14,642
	1" Φ	200	128.55	Per/Rft	25,710
24	P/F full way gun metal valves with wheels threaded or flanged ends with rubler washing .14 - 6				
	1/2" Φ	2	134.42	Each	269
	1" Φ	2	260.92	Each	522
25	S/F bib cocks of superior quality with c.p head 1/2" dai. 15 - 15 (a)	4	1,109.46	Each	4,438
26	Providing & Fixing 3" dia C.I vent pipes i/c cutting, fitting etc. complete. 8 - 1 & 9 - 13				
	3" dia C.I Pipes	100	289.25	Per/Rft	28,925
Total of Schedule Item Rs.					1,148,828

Signature of the Contractor with Stamp

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BILL No. 7**Bill of Quantities****Based on Schedule Items**

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
27	P/F 4" dia C.I plain bend 45 degree of the required degree with i/c extra painting to match the color of the building.9 - 9				
	3" dia C.I Pipes	8	566.70	Each	4,534
28	Excavation for pipes line in treaches in all kind of soil	3,150	4,650.0	% Cft.	146,475
29	P/F R.C.C pipe & collars of class B and fixing in trench i/c cutting, fitting and jointing with mixphalt composition and cement mortar (1 : 1) i/c testing with water to ahead of 22.5 meter or 75 ft. 17 - 2 (c) & (e)				
	9" Dia	400	229.0	Per/Rft	91,600
	12" Dia	500	412.0	Per/Rft	206,000
30	Construction manhole or inspection chamber for req. dai and speci. circular sewer and 3'-6" deep with wall of B.B in cement mortar 1:3 cement plaster 1:3:1/2" thick inside wall 1" thick over benching and channel i/c fixing C.I main hole cover with frame of clear opening 1/2' x 1-1/2 of 1.75 cwt. (88.9 K.g) embeded in plain C.C 1:2:4 and fixing 1" dia M.S steps 6" wide projecting 4" from the face of wall at 12" C/C duly painted etc. com. as per spec. and drawing, 39 - 1 (a).	6	14,748.0	Each	88,488
31	Refiling of excavated staff in tranches i/c watering etc complete. 53- 24	3,150	2,760.0	% Cft.	86,940
32	Preparing surface and painting with Emulsion paint 78-29				
	Three coat	9,546	1762.75	% Sft	168,272
33	P/L Bitumen coating upon Roof & spreading of sand after bitumen coating etc complete as directed by the Engineer in Charge.	4,218	51.70	Per/Sft	230,725
34	P/L Stone Pitching i/c. making base with dressed stone 6" thick hard packing in allidnment and slopes directed by the Engineer in Charge.	1,480	5,377.63	%Cft.	79,589
35	P/Laying Cement pointing upto 20'ft Height with cement mortor 1:3 including finishing curing etc.complete.	1,480	1,077.45	%Sft.	15,946
36	P/L Colour Creat, Grafo, Texture, over cement palster etc complete	1,110	6,319.50	%Sft.	70,146
37	Filling, watering & remming earth in floor with new earth (Excavated from out side) lead upto one chain & lift upto 5 ft. Ch-1-P-4/22	2,109	3,630.0	%0Cft.	7,656
38	Small Iron work such as gusset plate knees bends, strippups, rings etc. i/c cutting drilling reverting handling assembling & fixing but excluding erection in position. Ch-17-P-91/1	14.11	6420.61	P/Cwt.	90,576
39	Erection & Fitting in position of iron trusses staging of water tanks etc. Ch-17 - P-91-3	14.11	271.04	P/Cwt.	3,824
40	Preparing surface and painting guard bars, gates iron bars, grating, railing, i/c standard braces (etc) and similar open work.	4,218	674.60	% Sft	28,455
Total of Schedule Item Rs.					1,319,225
Grand Total Amount of Schedule Item Rs.					4,507,292

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of White Lion Cage at Karachi Zoo CS&R, KMC.

BILL No. 7

Bill of Quantities

Based on Offer Rate Items

S.No.	Description	Quantity	Rate in Figure	Rate in Words	Unit	Amount
34	P/Fixing Weld mesh size 3"x 3" & 10 gauge net i/c the cost of angle iron frame 2"x 2" 10.gauge & mesh welded with angle iron frame & frame embaded in situ i/c cutting fitting & welding & as per drawing & design & specification.	400			O.R P/Sft.	-
39	S/S/Stacking approved quiliaty murrum etc complete i/c all lead & lift.	8,550			O.R P/Cft.	-
42	Providing & Fixing Rockery Stone by Providing & Laying fragment upto 9" thick frame approved required set with 1:4 cement mortor i/c, loading, unloading scaffolding & curring upto height of 4ft from ground level as per directed by the Engineer Incharge.	2,016			O.R P/Cft.	-
43	P/F fencing composed on G.I Pipe frame of hot dipped galvanized wire chain link fencing 2" x 2" mesh size of 8 gauge SWG commercial upto the height 10' from G/L i/c the cost of straightening wire (12 Gauge) bracing with binding & clamps etc complete as per direction by the Engineer Incharge. (Excluding the cost of G.I Pipes & its fixture).	2,096			O.R P/Sft.	-
44	Providing & Fixing & Erection of G.I Pipes i/c cutting, fitting & welding upto the height of 10'ft & extra painting to match the colour etc complete. (ILL Made 10 gauge frame & Specifacation i/c all necessary fitting complete i/c cost of red oxide on the side the cost of wastage of pipe as per directed by the Engineer Incharge.					
	3" Dia	594			O.R P/Rft.	-
	1-1/2" Dia	1,460			O.R P/Rft.	-
	1" Dia	580			O.R P/Rft.	-
46	P/F Fibre Glass 6mm thick shade fixed on angle iron frame i/c reviting nut bolts washer upto the height of 12 i/c loading unloading cutting & fitting with all necessary fitting etc complete as direction by the Engineer Incharge.	1,480			O.R P/Sft.	-
47	Providing & Fixing of Aclaric Glass Sheet (12mm) thick having a size of (4' x 8') superior quality i/c the cost of pasting of (6mm) glass on aclaric sheet one side & replacing 1-1/2 x 1-1/2 into 2-1/2" x 2-1/2" angle stainless steel angle & stainless steel nuts & bolts & i/c the cost of replacing of existing 2" dia G.I Pipe & i/c the cost of all kind of cutting, fitting, welding on stainless steel angle or G.I Pipe etc complete as directed by the Engineer Incharge.	1,110			O.R P/Sft.	-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Extension / Construction of White Lion Cage at Karachi Zoo CS&R, KMC.

BILL No. 7
SUMMARY

Time Limit: _____

Penalty : Rs. _____ / - Per Day _____

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs. 45,07,292/- % above / Below of S.R.	Rs. _____
Part-B	Item base on O/Rate Amount Rs. _____	Rs. _____
Grand Total (A + B)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____ Dated: _____

Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____

Project Director
Local Government Project, LG, GOS

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Raising & Repairing of Boundary Wall From Gate No. 2 to Towards Gate No. 5 at Karachi Zoo, CS&R, KMC

BILL No. 08
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
1	Dismantling of Iron work of trusses shades, water tanks, etc excluding C&W cutting of. Ch-2 P-13/41	20	278.30	P/Cwt.	5,467
2	Dismantling of Cement Block Masonry.Ch-2 P-10-14	1,000.0	1,134.38	%Cft.	11,344
3	Dismantling of Cement Concrete Plain 1 : 2 : 4.Ch-2 P-10-19 (c)	1,500.00	3,327.50	%Cft.	49,913
4	Dismantling of Cement Concrete Reinforcement separating reinforcement from concrete cleaning straightening the same. Ch-2 P-10/20	400	5,445.00	%Cft.	21,780
5	Excavation for foundation of building bridges and other structures i/c degelling dassing refilling around structure with excavated earth watering and remming leas upto 5 ft. Ch-1 - P-4/18-b	4,800	2,722.50	%0Cft.	13,068
6	Cartage of 100 Cft/5 ton of all material likes on aggregates spawl coal lime surkhi etc., B.G. Rail fastening points and crossing bridges guarders, Pipes sheets rains, M.S. Bars etc., or 1000 Nos. bricks 10x5x3 pr 100 moulds of fuel wood by trucks or any other mean owned by the contractor lead upto 10 miles.	7,700.00	714.29	%Cft.	55,000
7	Cement Concrete brick or stone blast 1-1/2 inch to 2 inch gauge. Ratio 1 : 4 : 8 Ch-4 P-15/4 (b)	13,700.0	9,416.28	%Cft.	1,290,030
8	Reinforced Cement Concrete including all labour and material except the cost of steel reinf.and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds lifting, shuttering, curing , rendering and finishing the exposed surface (including screening and washing of shingle).Ch-4 P-14/6	1,380.0	258.61	P/Cft	356,882
9	Fabrication of Mild Steel reinforcement for cement concrete i/c cutting bending laying in pision making joints and fastenings i/c cost of binding wire (also i/c removal of rust from bars).Ch-4 P-17/8 (b) 20 - 7 - ii (a)	55.45	5,001.70	P/Cwt	277,326
10	P/L 1:3:6-Cement Concrete Solid Block Masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor super structre i/c raking out jointd & curing etc. Complete .Ch-4 P-19/24	1,400.00	15,771.01	%Cft.	220,794
11	Bitumen Coating on plastered of cement concrete surface. Ch-11 - P-71/9	1,000.0	778.09	%Sft.	7,781
12	Cement Plaster 1:4 upto 12' height. Ch-9 P-52/11	6,800.0	2,283.93	%Sft.	155,307
13	P/F precast Edge Block 3750 psi industrial made size 6" thick x 12" long & 12" high i/c the cost of cartage, excavation, form work, for haunching. 1450 psi lean concrete 2250 psi concrete for haunching 1:4 cement sand mortar. Ch.Highway works. Page 16/14	1,500	279.01	P/Rft.	418,515
Total of Schedule Item Rs.					2,883,207

Signature of the Contractor with Stamp

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BILL No. 08
Bill of Quantities

Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
14	Small Iron work such as gusset plate knees bends, strappings, rings etc. i/c cutting drilling reverting handling assembling & fixing but excluding erection in position. Ch-17-P-91/1	33.03	6420.61	P/Cwt	212,052
15	Erection & Fitting in position of iron trusses staging of water tanks etc. Ch-17 - P-91-3	33.03	271.04	P/Cwt	8,952
16	Preparing the surface & painting with weather coat i/c rubbing brick/sand paper & filling the voides with zink/chalk/plaster of paris & then painting with weather coat of app. make etc. complete. Ch-9 P-56/38/a 2nd & subsequent coat.	25,500.0	1,328.25 619.85 1,948.10	% Sft	496,766
17	Preparing the surface & painting with Emulsion Paint. Ch-11 P-72/29				
i	First Coat		847.99		
ii	2nd & Each Subsequent Coat.	1,875.0	457.38 1,305.37	% Sft	24,476
18	Providing and fixing cement paving blocks flooring having a size of (197 x 97 x 60 (mm) of city/quddra/cobble shape with natural colour having a strenght of b/w (5000 psi to 8500 psi) i/c filling the joint with hill sand & laying in spcified manner/pattern & design etc complete. Ch-8 P-49/7(20% Below)	29,600.0	159.82	P/Sft.	4,730,554
19	Bailing or Pumping out sub soil water during excavation concreting cast in situ concrete or masonry work in foundation etc.	500.0	543.0	%Cft.	2,715
20	P/L white glaze tiles 6" x 6" 1/4" on floor or wall facing in req patten of STILE specification jointed in white cement and pigment over base a of 1:2 gray cement mortar 3/4" thick i/c washing & filling of joints with slurry of white cement & pigment desire shape with finishing cleaning & cost of wax polish etc. complete i/c cutting tiles to proper profile. Ch-8 P-47/60 (20% Below)	4,469	24,407.82	%Sft.	1,090,668
21	P/L Aggregate Base Course in proper grade & camber having CBR 80% as per AASHTO Standard Specification i/c spreading & compacting by the approved mechanical-means (Motor Grader Vibratory rooler road packer and smooth wheel roller etc) watering to maintain the moisture content the compaction of each layer shall be 100% to the max dry density (Rate i/c all cost of material T&P & Carriage upto 3 chain Highway work - P-5/13-B	17,125	5,542.24	%Cft.	949,109
22	P/L 2" thick Aasphaltic Concrete Wearing Course (Plant Mix) premixed carpet in proper grade plant mix Asphalt Concrete paver finished (Hydraulic / Electronic Control) prepared by the specified formula according to job mix formula approved by the Engineer Incharge i/c rolling & finishing to proper line grade level & chamber etc (Machinery with POLs cost of material carriage. Highway work - P-10/24-B	34,250	8,274.73	%Sft.	2,834,095
Total of Schedule Item Rs.					10,349,385
Grand Total Amount of Schedule Item Rs.					13,232,592

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Raising & Repairing of Boundary Wall From Gate No. 2 to Towards Gate No. 5 at Karachi Zoo, CS&R, KMC

BILL No. 08

Bill of Quantities

Based on Offer Rate Items

S.No.	Description	Quantity	Rate in Figure	Rate in Words	Unit	Amount
23	P/A Grafito (3/8" to 12") the product composed of material of marble guard stone, iron oxide detomium HSC natural colour chips & pigment amonia nitrogen jelicoal on high temperture on ultra voilate lam mixed with acrylic resin, anti bacterial & fungal actives & anti fuming against alkali showing no blistering wrinkling & lifting after applying resistance to accelarate whether changes & resistance to water head of 100 liters/8 houres drying time having touch dry from 4 to 8 houres & fully dry in 72 houres specific aravity varoius from texture from 2.5 to 2.8. etc complete with all respect as directed by the Engineer Incharge.	9,590			O.R P/Sft	-
24	Excavation cleaning / Removing of silt (daldal) slush using screening pump with electric motor 5HP for dewatering used water Tanker & dumper for disposal of excavated waste removal material out side municipal limit upto 30 miles loading & unloading etc complete as per direction of Engineer in charge. Schedule - 80	300.0			O.R P/Cft.	-
25	Supplying and Laying stone soiling 9" gauge of approve lift i/c consolidation compaction with heavy compactor and watering i/c the cost of compactor etc. complete in all respect as per	300.0			O.R P/Cft.	-
26	Using S/R cement in place of O.P.C ordinary port land cement O.P.C.	2,783.31			O.R P/Bag.	-
27	P/F Pre- Cast Fiber Glass Animal (4cm) thick i/c the cost of fixing on wall with nut & bilts up to 20' height i/c the cost of loading un loading specified place & different kind of animal fiber glass picture having a size of 4' X 4' etc. complete as per	137			O.R P/Sft	-
28	P/Fixing & Making Animal Embos Picture/Figures on wall with 1:2 cement motor add quaick seting chemical upto 20' height i/c using all kind of material all lead & lift & scaffolding & curing & different kind of animal embos picture / Figures having a size of 4' X 4' etc. complete as per	137			O.R P/Sft	-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Raising & Repairing of Boundary Wall From Gate No. 2 to Towards Gate No. 5 at Karachi Zoo, CS&R, KMC

BILL No. 08
SUMMARY

Time Limit: _____

Penalty : Rs. _____ / - Per Day _____

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs. 1,32,32,592/- % above / Below of S.R.	Rs. _____
Part-B	Item base on O/Rate Amount Rs. _____	Rs. _____
Grand Total (A + B)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____ Dated: _____

Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____

Project Director
Local Government Project, LG, GOS

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

Name of Work: Beautification & Uplifting Works and Construction of Fountain at Karachi Zoo, CS&R, KMC

BILL No. 09
Bill of Quantities

Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
1	Dismantling of Cement Concrete Plain 1 : 2 : 4.Ch-2 P-10-19 (c)	2,500	3,327.50	%Cft.	83,188
2	Dismantling of Cement Concrete Plain 1 : 3 : 6.Ch-2 P-10-19 (b)	1,250	1,306.80	%Cft.	16,335
3	Dismantling of Cement Concrete Reinforement separating reinforcement from concrete cleaning straightening the same. Ch-2 P-10/20	600	5,445.00	%Cft.	32,670
4	Excavation for foundation of building bridges and other structures i/c degelling dessing refilling around structure with excavated earth watering and remming leas upto 5 ft. (In Ordinary Soil)	2,403	3,176.25	%0Cft.	7,633
5	Cement Concrete brick or stone ballast 1-1/2 inch to 2 inch gauge. Ratio 1 : 4 : 8 Ch-4 P-15/4 (b)	401	9,416.28	%Cft.	37,713
6	Cartage of 100 Cft/5 ton of all material likes on aggregates spawl coal lime surkhi etc., B.G. Rail fastening points and crossing bridges guarders, Pipes sheets rains, M.S. Bars etc., or 1000 Nos. bricks 10x5x3 pr 100 moulds of fuel wood by trucks or any other mean owned by the contractor lead up to 5.miles	6,753	714.29	%Cft.	48,237
7	Reinforced Cement Concrete including all labour and material except the cost of steel reinf.and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds lifting, shuttering, curing , rendering and finishing the exposed surface (including screening and washing of shingle).Ch-4 P-14/6	2,217	258.61	P/Cft.	573,334
8	Fabrication of Mild Steel reinforcement for cement concrete i/c cutting bending laying in pision making joints and fastenings i/c cost of binding wire (also i/c removal of rust from bars).Ch-4 P-17/8 (b) 20 - 7 - ii (a)	89.08	5,001.70	P/Cwt.	445,527
9	P/L white glaze tiles 6" x 6" 1/4" on floor or wall facing in req patten of STILE specification jointed in white cement and pigment over base a of 1:2 gray cement mortar 3/4" thick i/c washing & filling of joints with slurry of white cement & pigment desire shape with finishing cleaning & cost of wax polish etc. complete i/c cutting tiles to proper profile. Ch-8 P-47/60 (20% Below)	621.68	24,407.82	%Sft	151,738
10	Cement Plaster 1:4 upto 12' height. Ch-9 P-52/11 (b) 1/2" thick	720	2,283.93	%Sft	16,444
Total of Schedule Item Rs.					1,412,818

Signature of the Contractor with Stamp

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BILL No. 09
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
11	P/F G.I pipes specials and clamps etc. i/c fixing cutting and fitting complete i/c the cost of breaking through walls and roof making good etc. painting two coats after cleaning the pipe etc. with white zink paint with pigment to match the color of the building and testing with water to a pressure head of 200 feet handling .Ch-4 P-12/I (i+ii)				
	1/2" Dia	10,000	73.21	P/Rft.	732,100
	3/4" Dia	5,000	95.79	P/Rft.	478,950
	1" Dia	5,000	128.55	P/Rft.	642,750
	1-1/4" Dia	5,000	153.19	P/Rft.	765,950
	1-1/2" Dia	5,000	188.97	P/Rft.	944,850
	2" Dia	7,000	233.00	P/Rft.	1,631,000
	2-1/2" dia	5,000	310.47	P/Rft.	1,552,350
	3" Dia	4,500	360.40	P/Rft.	1,621,800
	4" Dia	3,500	896.17	P/Rft.	3,136,595
12	P/F full way gun metal valves with wheels threaded or flanged ends with rubler washing Vil-III Part-V-B Ch-6 P-17/4-A				
	1/2" Φ	100	134.42	Each	13,442
	3/4" Φ	50	197.12	Each	9,856
	1" Φ	50	260.92	Each	13,046
	1- ^{1/4} Φ	50	337.92	Each	16,896
	1- ^{1/2} Φ	50	695.42	Each	34,771
	2" Φ	70	956.12	Each	66,928
	2- ^{1/2} Φ	50	1,225.84	Each	61,292
	3" Φ	45	1,390.84	Each	62,588
	4" Φ	35	2,435.84	Each	85,254
13	Excavation for Pipe line in trenches, & pits in soft soil i/c tremming & dassing sides to ture alignment & shape Leveling of bed of trenches to correct level & grade cutting jointing holes & disposal of surplus earth within a one chain as directed by the Engineer in charge. Proving fences, guards, lights, flags & temporary crossings for non-vehcular traffic where ever required lift up to 5ft & lead upto one chain. (30.5m) vol-III P/-III Ch-II.P-60 A-1	199,000	3,600	%0Cft.	716,400
14	P/L R.C.C pipe ASTM C-76-62 T/C 76-70 of class II wall B and fixing in trench i/c cutting, fitting and jointing with rubber ring i/c testing with water to specified pressure. vol-III P/-III Ch-II,P-17 B-1				
	8" Dia	2,000	229	P/Rft	458,000
	12" Dia	2,000	412	P/Rft	824,000
	15" Dia	2,000	515	P/Rft	1,030,000
	18" Dia	2,000	618	P/Rft	1,236,000
Total of Schedule Item Rs.					16,134,819

Signature of the Contractor with Stamp

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BILL No. 09
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
15	Construction manhole or inspection chamber for req. dia and speci. circular sewer and 3'-6"(1067mm) depth with wall of B.B in cement mortar 1:3 cement plaster 1:3, 1/2" thick inside wall 1" (25mm) thick over benching and channel i/c fixing C.I main hole cover with frame of clear opening 1/2' x 1-1/2 (457x457mm) of 1.75 cwt. (88.9 K.g) embeded in plain C.C 1:2:4 and fixing 1" dia M.S steps 6" (150 mm) wide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C/C duly painted etc. com. as per spec. and drawing. Ch-1 P-46 - 1 (a)	20	14,748.0	Each	294,960
16	Manufacturing & Supplying of R.C.C Manhole Cover cast in 1: 2 : 4 c.concrete 3" deep at center reinforcement with 1/2" dia tor steel bars 4" c/c welded to 3/16" thick 2" wide M.S plate to hook of 3/8" dia tor bar i/c compaction i/c curing stacking and transpotation with 10 miles.Vol-III Prt-VB- Ch-17 P-31-1 21" Dia	20	913.63	Each	18,273
17	Manufacturing & Supplying of R.C.C Ring Slab of 21" inside 36" dia out side 7.5 width & 6" thick i/c 3/8" dia tor steel bars two concentric ring with 3/8" dia 8 Nos cross link bars welded & two sunk type hook, casted in a 1:1-1/2":3 concrete embeded 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 officer.A minimum of 25 slab per trip will be transport.Vol-III Prt-VB- Ch-17 P31- 2	20	1,906.60	Each	38,132
18	Refilling of Excavated stuff in trenches 6" thick layer i/c watering remaning to full compaction etc complete. Ch-II P-77/24	103,620	2,760	%Cft.	285,991
19	Coursed rubble masonry hammer dressed in cement sand mortar ratio 1 : 3. etc complete.	1,500	27,126	%Cft.	406,890
20	Grouting stone pitching or apron in 1 : 3 cement mortor etc complete.	3,000	4,480.44	%Sft.	134,413
21	Pointing flush on stone pitching work in 1 : 3 cement mortor etc complete.	3,000	1,062.33	%Sft.	31,870
22	P/L Granular Sub Base Coures by supplying & spreading stone matel 1-1/2" to 2" gauge of app quality from approved quarry in req. thickness to proper camber & grade i/c hand packing filling voids with 10 cft. screening & nonplastic quarry fines of app. quality & gauge from app. source, watering & compaction to achive 98 to 100% density as per (AASHTO) standard specification(Rate i/c all cost of material T&P & carriage upto 3 chain.Ch-Highway Works P-4/11(c)	2,113	4,359.76	%Cft	92,107
Total of Schedule Item Rs.					1,302,636

Signature of the Contractor with Stamp

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BILL No. 09

Bill of Quantities

Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
23	P/L Aggregate Base Course in proper grade & camber having CBR 80% as per AASHTO Standard Specification i/c spreading & compacting by the approved mechanical means (Motor Grader Vibratory roller road packer and smooth wheel roller etc) watering to maintain the moisture content the compaction of each layer shall be 100% to the max dry density (Rate i/c all cost of material T&P & Carriage upto 3 chain Highway work - P-5/13-R	2,113	5,542.24	%Cft	117,089
24	Providing and fixing cement paving blocks flooring having a size of (197 x 97 x 60 (mm) of city/quddra/cobble shape with natural colour having a strenght of b/w (5000 psi to 8500 psi) i/c filling the joint with hill sand & laying in spcified manner/pattern & design etc complete. Ch-8 P-49/71(20% Below)	6,402	159.82	P/Sft.	1,023,142
25	P/F iron steel grill using solid squre bars of size 1/2" x 1/2" placed at 4" i/c and frame of 3/4" x 3/4" i/c circle shape at 1-0 apart equlavilant fitted with screws or pins i/c painting 3 coats with 1st coat of red oxcied etc as per instruction of Engineer in charge.	1,800	194.16	P/Sft.	349,488
26	P/F precast Edage Block 3750 psi industrial made size 6" thick x 12" long & 12" high i/c the cost of cartage, excavation, form work, for haunching. 1450 psi lean concrete 2250 psi concrete for haunching 1:4 cement sand mortar. Ch.Highway works. Page 16/14	500	297.01	P/Rft.	148,505
Total of Schedule Item Rs.					1,638,224
Grand Total Amount of Schedule Item Rs.					20,488,496

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

Name of Work: Beautification & Uplifting Works and Construction of Fountain at Karachi Zoo, CS&R, KMC

BILL No. 09
Bill of Quantities

Based on Offer Rate Items

S.No.	Description	Quantity	Rate in Figure	Rate in Words	Unit	Amount
27	Providing & Laying Black or Kahi Colour Granite Stone 1" thick i/c the cost of border round shape using in wall & floor etc complete fine dressed on the surface without winding set in lime mortar 1 : 2 i/c rubbing & polishing of joints as directed by the Engineer Incharge.	966.08			O.R P/Sft	-
28	Providing & laying of Mable chips for fountain floor washable i/c the cost of loading & unloading etc complete as directed by the Engineer Incharge:	337.50			O.R P/Cft	-
29	P/F approved quality Glass Pan of 10mm thickness Balgium glass of app quality or its equilent etc. complete as per directed by the Engineer Incharge.	16			O.R P/Sft	-
30	P/F approved quality Nozal Brass Made 1" to 3" dia of app quality or its equilent etc. complete as per directed by the Engineer Incharge.	40			O.R Each	-
31	P/F approved quality Burner Brass 6 Nos of Hole each Burner Made 1" dia hole of app quality or its equilent etc. complete as per directed by the Engineer Incharge.	8			O.R Each	-
32	Providing & Fixing 1" thick Natural Rock Stone Tiles 12" x 12" size from approved quarries 80% fine dressed & 20% rough surface in dado skirting & fencing on a floor & wall upto the height of the 5ft from G/Level over 1/2" thick base of cement mortor 1:3 setting of tiles in slurry of grey cement over mortor base i/c filling the joint with cement slurry of matching colour i/c the cost of grouting, painting, loading, unloading curing gola corner & all geometrical shape & also i/c the cost of hand carving, chiseling & cutting the tiles in req size & shape by grander or hammer as require as per directed by the Engineer Incharge.	1,140			O.R P/Sft	-
33	Providing & Fixing Rockery Stone by Providing & Laying fragment upto 9" thick frame approved required set with 1:4 cement mortor i/c, loading, unloading scaffolding & curing upto height of 4ft from ground level as per directed by the Engineer Incharge.	3,500			O.R P/Sft	-
34	Providing & Fixing Mono Block Motor 3HP Single Phase i/c the cost of fixing specified place wiring, panal board switch board etc complete with all respect.i/c the cost of loading unloading as per directed by the Engineer Incharge.	11.0			O.R Each	-
35	P/F 4 seated Victoria Benches 6' length i/c the cost of iron wooden with pan wood vertical with 3' of cost iron spril total weight of 65 Kg each i/c the cost of nut & bolts & painting with ready mix paint with app make & shade i/c the cost of making fiber shade on benches with iron sheet in G.I pipe i/c the cost of making plate form etc complete as required.	10			O.R Each	-
36	Pavement marking in Reflective Thermo Plastic Paint for lines of 6" width. Highway Work. P-15/13	2,139			O.R P/Sft	-
37	P/F Informatory Sign Rectangular shape 4' x 3' comprizing 2 nos 3"dia G.I pipe post i/c painting, writing asdirected each.HighwayworksPage17/18-C-ii	10			O.R Each	-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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BILL No. 09

Bill of Quantities

Based on Offer Rate Items

S.No.	Description	Quantity	Rate in Figure	Rate in Words	Unit	Amount
38	P/Fixing Deodar Wooden Planks 1" thick 5" wide for ceiling on existing T-Iron frame fix with galvanized iron screw 1-1/4" long & 3/8" dia etc complete in all respect as direction	728			O.R P/Sft.	-
39	P/Fixing Cast Iron Moulded Post 6" dia from base & 4" dia from top & 12ft height etc complete in all respect as direction by the Engineer	2			O.R Each	-
40	P/Fixing best quality Deodar Wooden Jhallar 8nos (size 8"-6" x 0'-9" x 1") and wooden cap (size 0.25 x 0.25 x 0.75) on angles iron frame with nuts & Bolts etc complete in all respect	68			O.R P/Rft.	-
41	P/Fixing on frame with sunken Iron Screw best quality Deodar Wooden Beading / moulding of approved design size 4" wide & 3/8" thick etc complete in all respect as direction	68			O.R P/Rft.	-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

Name of Work: Beautification & Uplifting Works and Construction of Fountain at Karachi Zoo, CS&R, KMC

BILL No. 09
SUMMARY

Time Limit: _____

Penalty : Rs. _____ / - Per Day _____

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs.2,04,88,496/- % above / Below of S.R.	Rs. _____
Part-B	Item base on O/Rate Amount Rs. _____	Rs. _____
Grand Total (A + B)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____

Dated: _____

Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____

Project Director
Local Government Project, LG, GOS

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

Name of Work: Proposed Plantation at Karachi Zoo, CS&R KMC.

BILL No. 10

Bill of Quantities

Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
1	Excavation in Hard rock, requiring blasting but, prohibited & disposal of excavated material (blasting material) upto 5ft lead (i/c dressing & leveling to designed section, ec complete. Ch-I - P-2/7-B	23,438	25,936.0	0%Cft	607,875
2	Excavation for foundation of building bridges and other structures i/c degelling dassing refilling around structure with excavated earth watering and remming leas upto5ft.Ch-I-P-	38,438	2,722.50	0%Cft	104,646
3	Cartage of 100 Cft/5 ton of all material likes on aggregates spawl coal lime surkhi etc., B.G. Rail fastening points and crossing bridges guarders, Pipes sheets rains, M.S. Bars etc.,	38,437.50	714.29	%Cft	274,555
Total of Schedule Item Rs.					987,076

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

Name of Work: Proposed Plantation at Karachi Zoo, CS&R KMC.

BILL No. 10

Bill of Quantities

Based on Offer Rate Items

S.No.	Description	Quantity	Rate in Figure	Rate in Words	Unit	Amount
4	Supplying, Stacking & Spreading of Approved Garden Soil / sweet earth free from salt pebble & grass roots etc i/c all lead or lift loading & unloading etc complete as per direction of Engineer Incharge.	48,562.50			O.R Each	-
5	Supplying, Stacking & Spreading of Cow Dung Approved Quality free from pebble & grass roots etc i/c all lead or lift loading & unloading etc complete as per direction of Engineer Incharge.	3,843.75			O.R Each	-
6	Supplying of Different Type of varieties of Plants upto the height of (4'-0" to 5'-0") approx i/c the cost of carriage (upto 10 to 15 KM) i/c loading unloading etc complete at site as per direction by the Officer Incharge.					
	The Details of Plants as Under:					
i	Samanea Saman (Rain Tree)	150			O.R Each	-
ii	Poinsiana Regia (Gul Moher)	150			O.R Each	-
iii	Bambusa Bomboos (Bamboo)	150			O.R Each	-
iv	Acasia Aribica (Kikar Original)	150			O.R Each	-
v	Aeglemarmelos (Bell Pather)	150			O.R Each	-
vi	Albizzia Lebbek (Siras)	150			O.R Each	-
vii	Golden Shower (Orange Flower)	150			O.R Each	-
viii	Ailstonia Scholaris (Alstonia)	150			O.R Each	-
ix	Peltophorum Roxburghii (Peltophorum)	150			O.R Each	-
x	Plumeri Obtusifolia (Champa)	150			O.R Each	-
xi	Spathodea Companulata (Indian Tulip)	150			O.R Each	-
xii	Cassia Grandis (Pink Cassia)	150			O.R Each	-
xiii	Azadieachta Indica (Neem)	405			O.R Each	-
xiv	Cassia Fistula (Amaltas)	150			O.R Each	-
xv	Guaiscum Officinale (Lignum)	150			O.R Each	-
Total Amount of Offer Rate Items Rs.						-

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Name of Work: Proposed Plantation at Karachi Zoo, CS&R KMC.

BILL No. 10**Bill of Quantities****Based on Offer Rate Items**

S.No.	Description	Quantity	Rate in Figure	Rate in Words	Unit	Amount
xvi	Polythea Longifolia (Ashoke)	150			O.R Each	-
xvii	Bougain Villea (Bougain Villea Different Colour)	150			O.R Each	-
xviii	Passiflora Caerulea (Passiflora Passion Flower)	150			O.R Each	-
xix	Cestrum Nocturnum (Taat Ki Rani)	150			O.R Each	-
xx	Lavender (Shurb)	150			O.R Each	-
xxi	Brunrelsia Latifolia (Yesterday, Today, Tomorrow)	150			O.R Each	-
7	Providing and Fixing weld mesh tree guard 10gauge thick hot dipped size 2" x 2" , 3'-2" ft. dia upto the height of 4 ft. i/c the cost of loading & unloading i/c fixing (i/c the cost of 3 Nos. hot dipped clip etc. complete as per direction by the Horticulture In charge.	700			O.R Each	-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

Name of Work: Proposed Plantation at Karachi Zoo, CS&R KMC.

BILL No. 10

SUMMARY

Time Limit: _____

Penalty : Rs. _____ / - Per Day _____

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs.9,87,076/- _____ % above / Below of S.R.	Rs. _____
Part-B	Item base on O/Rate Amount Rs. _____	Rs. _____
Grand Total (A + B)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____ Dated: _____

Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____

Project Director
Local Government Project, LG, GOS

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Construction of Retiring Room & Feeding Room for Giraffe Enclouser at Karachi Zoo, KMC.

BILL No. 11
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
1	Dressing & leveling of earthwork to designed section etc complete. Highway works, Page 17/22 Gravel work of soft rock not req. blasting	22,500	453.75	0% Cft.	10,209
2	Dismantling of Iron work of trusses shades, water tanks, etc excluding C&W cutting of. Ch-2 P-13/41	39.29	278.30	Per Cwt.	10,933
3	Excavation for foundation of building bridges and other structures i/c degelling dassing refilling around structure with excavated earth watering and remming leas upto 5 ft. 4 - 18 (b)	6,224.0	3,176.25	0% Cft.	19,769
4	Cement Concrete brick or stone blast 1-1/2 inch to 2 inch gauge. Ratio 1 : 4 : 8 - 17 - 4 (b)	1,322.00	9,416.20	% Cft.	124,482
5	Damp proof course with cement sand Ratio (1:2) mix with dampo 3/4 inches thick.	741.00	2,401.58	% Sft.	17,796
6	Erection & removal of centering for R.C.C or plain C.C. work of deodar wood (2nd class). Ch-4 P-18/19-B (Horizantal)	3,606	3,588.48	% Sft.	129,401
7	Cement Concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ch-2 P-16/5(h) Ratio 1:2:4.	1,905	14,429.25	% Cft.	274,877
8	Reinforced Cement Concrete including all labour and material except the cost of steel reinf. and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds lifting, shuttering, curing, rendering and finishing the exposed surface (i/c screening and washing of shingle). 19 - 6 (i)	3,471.3	258.62	Per Cft.	897,735
9	Fabrication of Mild Steel reinforcement for cement concrete i/c cutting bending laying in pision making joints and fastenings i/c cost of binding wire (also i/c removal of rust from bars). 20 - 7 - ii (a)	139.47	4,820.20	Per Cwt.	672,273
10	P/L 1:3:6 cement concrete Solid Block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor super structre i/c raking out jointd & curing etc. Complete . 22 - 23	816.00	15,771.10	% Cft.	128,692
11	Cement Plaster 1:4 upto 20' height. 58 - 11	3,760.0	2,283.93	% Sft.	85,876
12	Cartage of 100 Cft/5 ton of all material likes on aggregates spawl coal lime surkhi etc., B.G. Rail fastening points and crossing bridges guarders, Pipes sheets rains, M.S. Bars etc., or 1000 Nos. bricks 10x5x3 pr 100 moulds of fuel wood by trucks	6,224.0	714.29	% Cft.	44,457
Total of Schedule Item Rs.					2,416,500

Signature of the Contractor with Stamp

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BILL No. 11
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
13	Small Iron work such as gusset plate, knees bends, stirrup, rings, etc, i/c cutting drilling reverting handling assembling & fixing but excluding erection in position. Ch-17 P-91/1	15.23	6,420.61	Per Cwt.	97,814
14	Erection & Fitting in position of iron trusses staging of water tanks etc. Ch-17 - P-91-3	15.23	271.04	Per Cwt.	4,129
15	Excavation for pipes line in trenches in all kind of soil . 47- 5	3,000	4,650.00	% 0Cft.	13,950
16	P/F R.C.C pipe & collars of class B and fixing in trench i/c cutting, fitting and jointing with mixphalt composition and cement mortar (1 : 1) i/c testing with water to ahead of 22.5 meter or 75 ft. 17 - 2 (c) & (e) 12" Dia	200	412.00	Per Rft.	82,400
17	Construction manhole or inspection chamber for req. dai and speci. circular sewer and 3'-6" deep with wall of B.B in cement mortar 1:3 cement plaster 1:3:1/2" thick inside wall 1" thick over benching and channel i/c fixing C.I main hole cover with frame of clear opening 1/2' x 1-1/2 of 1.75 cwt. (88.9 K.g) embedded in plain C.C 1:2:4 and fixing 1" dia M.S steps 6" wide projecting 4" from the face of wall at 12" C/C duly painted etc. com. as per spec. and drawing. 39 - 1 (a).	4	14,748.00	Each	58,992
18	Refiling of excavated staff in trenches i/c watering etc complete. 53- 24	3,000	2,760.00	% 0Cft.	8,280
19	P/F G.I pipes specials and clamps etc. i/c fixing cutting and fitting complete i/c the cost of breaking through walls and roof making good etc. painting two coats after cleaning the pipe etc. with white zink paint with pigment to match the color of the building and testing with water to a pressure head of 200 feet handling .11 -(Internal) 1/2" Dia	200	73.21	Per Rft.	14,642
20	P/F full way gun metal valves with wheels threaded or flanged ends with rubler washing .14 - 6 1/2" Dia	1	200.42	Each	200
21	P/L 2 thick Flooring Cement Concrete 1 : 2 : 4 i/c surface finishing and curing complete and dividing into panels. 47 - 16 (a) (b) 2" Thick	1,465	3,275.50	% Sft.	47,986
22	P / L white glaze tiles 6" x 6" 1/4" on floor or wall facing in req patten of STILE specification jointed in white cement and pigment over base a of 1:2 gray cement mortar 3/4" thick i/c washing & filling of joints with slurry of white cement & pigment desire shape with finishing cleaning & cost of wax polish etc. complete i/c cutting tiles to proper profile.53-60	3,464	24,407.82	% Sft.	845,487
Total of Schedule Item Rs.					1,173,880

Signature of the Contractor with Stamp

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BILL No. 11**Bill of Quantities****Based on Schedule Items**

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
23	Preparing surface Distempering. - 60 - 24 (c). Three coat.	3,760	1,079.65	% Sft.	40,595
24	Preparing surface and painting with Emulsion paint 78-29 a+b+c Three coat	8,200	1762.75	% Sft.	144,546
25	Filling, watering & remming earth in floor with new earth (Excavated from out side) lead upto one chain & lift upto 5 ft. Ch-1-P-4/22	5,127.50	3630.0	0% Cft.	18,613
26	P/F in position, Door, Windows & Ventilator of first class deodar wood frame 1-3/4" thick commercial ply wood veneer shutter of deodar wood (3ply) on both sides i/c hold fasts, chests iron towe bolts handles, hinges & one mortice lock.Ch-	49	1,227.36	Per Sft.	60,141
27	Paint old surface. Ch.11 P-68/4 (a+b+c) Painting corrugated surface paint roofing etc with oil paint. (Two coats)	9,600	1,072.06	% Sft.	102,918
28	Providing and fixing cement paving blocks flooring having a size of (197 x 97 x 60 (mm) of city/quddra/cobble shape with natural colour having a strenght of b/w (5000 psi to 8500 psi) i/c filling the joint with hill sand & laying in spcified manner/pattern & design etc complete. Ch-8 P-49/71	3,300	159.82	Per Sft.	527,393
29	P/F precast Edge Block 3750 psi industrial made size 6" thick x 12" long & 12" high i/c the cost of cartage, excavation, form work, for haunching. 1450 psi lean concrete 2250 psi concrete for haunching 1:4 cement sand mortar. Ch.Highway works, Page 16/14	325	279.01	Per Rft.	90,678
Total of Schedule Item Rs.					984,883
Grand Total Amount of Schedule Item Rs.					4,575,263

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Construction of Retiring Room & Feeding Room for Giraffe Enclouser at Karachi Zoo, KMC.

BILL No. 11
Bill of Quantities
Based on Offer Rate Items

S.No.	Description	Quantity	Rate in Figure	Rate in Words	Unit	Amount
30	Providing & Fixing & Erection of G.I Pipes i/c cutting, fitting & welding upto the height of 10'ft & extra painting to match the colour etc complete. (ILL Made 10 gauge frame & Specifacation i/c all necessary fitting complete i/c cost of red oxide on the side the cost of westage of pipe as per directed by the Engineer Incharge.					
	4" Dia	480			O.R P/Rft.	-
	3" Dia	1,242			O.R P/Rft.	-
	1-1/2" Dia	740			O.R P/Rft.	-
	1" Dia	938			O.R P/Rft.	-
31	P/F Fibre Glass canopy / sunshade/roof 6mm thick with waterproofing with all steel structure work i.e columns, trusses etc all mechanical wworks, i/c two coats of epoxy paint over primery coat of red oxciad, at any height, any colour, complete in all respect drawing & design & as per direction by the Engineer Incharge.	1,896			O.R P/Sft.	-
32	Supplying, Stacking & Spreading of Murrum of approved quality to required slop i/c consolidation by remming & watering etc complete.	40,500			O.R P/Cft.	-
33	Supplying, Stacking & Spreading of Approved Garden Soil / sweet earth free from salt pebble & grass roots etc i/c all lead or lift loading & unloading etc complete as per direction of Engineer Incharge.	20,250			O.R P/Cft.	-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Construction of Retiring Room & Feeding Room for Giraffe Enclouser at Karachi Zoo, KMC.

BILL No. 11
SUMMARY

Time Limit: _____

Penalty : Rs. _____ / - Per Day _____

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs.45,75,263/- % above / Below of S.R.	Rs. _____
Part-B	Item base on O/Rate Amount Rs. _____	Rs: _____
Grand Total (A + B)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____ Dated: _____

Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____

Project Director
Local Government Project, LG, GOS

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

Name of Work: Rehabilitation & Renovation of Hippopotamus Enclouser at Karachi Zoo. CS&R, KMC.

BILL No. 12
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
1	Dressing & leveling of earthwork to designed section etc complete. Highway works, Page 17/22 Gravel work of soft rock not req. blasting	2,500	453.75	0% Cft.	1,134
2	Dismantiling of Iron work of trusses shades, water tanks, etc excluding C&W cutting of. Ch-2 P-13/41	22.10	278.30	Per Cwt.	6,150
3	Dismantiling of Cement Concrete Plain 1:2:4. Ch-2 P-10-19 (c)	4,720	3,327.50	% Cft.	157,058
4	Excavation for foundation of building bridges and other structures i/c degelling dassing refilling around structure with excavated earth watering and remming leas upto 5 ft. 4 - 18 (b)	10,650.0	3,176.25	0% Cft.	33,827
5	Cement Concrete brick or stone blast 1-1/2 inch to 2 inch gauge. Ratio 1 : 4 : 8 - 17 - 4 (b)	4,290.00	9,416.20	% Cft.	403,955
6	Damp proof course with cement sand Ratio (1:2) mix with dampo 3/4 inches thick.	60.00	2,401.58	% Sft.	1,441
7	Erection & removal of centering for R.C.C or plain C.C. work of deodar wood (2nd class). Ch-4 P-18/19-B (Horizontal)	560	3,588.48	% Sft.	20,095
8	Cement Concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ch-2 P-16/5(h) Ratio 1:2:4.	280	14,429.26	% Cft.	40,402
9	Reinforced Cement Concrete including all labour and material except the cost of steel reinf. and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds lifting, shuttering, curing, rendering and finishing the exposed surface (i/c screening and washing of shingle). 19 - 6 (i)	7,662.2	258.62	Per Cft.	1,981,598
10	Fabrication of Mild Steel reinforcement for cement concrete i/c cutting bending laying in pision making joints and fastenings i/c cost of binding wire (also i/c removal of rust from bars). 20 - 7 - ii (a)	307.86	4,820.20	Per Cwt.	1,483,929
11	P/L 1:3:6 cement concrete Solid Block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor super structre i/c raking out jointd & curing etc. Complete. 22 - 23	260.00	15,771.10	% Cft.	41,005
12	Cement Plaster 1:4 upto 20' height. 58 - 11	8,360.0	2,283.93	% Sft.	190,937
13	Cartage of 100 Cft/5 ton of all material likes on aggregates spawl coal lime surkhi etc., B.G. Rail fastening points and crossing bridges guarders, Pipes sheets rains, M.S. Bars etc., or 1000 Nos. bricks 10x5x3 pr 100 moulds of fuel wood by trucks	10,650.0	714.29	% Cft.	76,072
Total of Schedule Item Rs.					4,437,603

Signature of the Contractor with Stamp

SA

BILL No. 12
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
14	Small Iron work such as gusset plate, knees bends, stirrup, rings, etc. i/c cutting drilling reverting handling assembling & fixing but excluding erection in position. Ch-17 P-91/1	40.39	6,420.61	Per Cwt.	259,347
15	Erection & Fitting in position of iron trusses staging of water tanks etc. Ch-17 - P-91-3	40.39	271.04	Per Cwt.	10,948
16	Excavation for pipes line in treaches in all kind of soil . 47- 5	3,000	4,650.00	% 0Cft.	13,950
17	P/F R.C.C pipe & collars of class B and fixing in trench i/c cutting, fitting and jointing with mixphalt composition and cement mortar (1 : 1) i/c testing with water to ahead of 22.5 meter or 75 ft. 17 - 2 (c) & (e) 12" Dia	200	412.00	Per Rft.	82,400
18	Construction manhole or inspection chamber for req. dai and speci. circular sewer and 3'-6" deep with wall of B.B in cement mortar 1:3 cement plaster 1:3:1/2" thick inside wall 1" thick over benching and channel i/c fixing C.I main hole cover with frame of clear opening 1/2' x 1-1/2 of 1.75 cwt. (88.9 K.g) embeded in plain C.C 1:2:4 and fixing 1" dia M.S steps 6" wide projecting 4" from the face of wall at 12" C/C duly painted etc. com. as per spec. and drawing. 39 - 1 (a).	4	14,748.00	Each	58,992
19	Refiling of excavated staff in tranches i/c watering etc complete. 53- 24	3,000	2,760.00	% 0Cft.	8,280
20	P/F G.I pipes specials and clamps etc. i/c fixing cutting and fitting complete i/c the cost of breaking through walls and roof making good etc. painting two coats after cleaning the pipe etc. with white zink paint with pigment to match the color of the building and testing with water to a pressure head of 200 feet handling .11 -(Internal) 1/2" Dia	200	73.21	Per Rft.	14,642
21	P/F full way gun metal values with wheels threaded or flanged ends with rubler washing .14 - 6 1/2" Dia	1	200.42	Each	200
22	P/L 2 thick Flooring Cement Concrete 1 : 2 : 4 i/c surface finishing and curing complete and dividing into panels. 47 - 16 (a) (b) 2" Thick	4,860	3,275.50	% Sft.	159,189
23	P / L white glaze tiles 6" x 6" 1/4" on floor or wall facing in req patten of STILE specification jointed in white cement and pigment over base a of 1:2 gray cement mortar 3/4" thick i/c washing & filling of joints with slurry of white cement & pigment desire shape with finishing cleaning & cost of wax polish etc. complete i/c cutting tiles to proper profile.53-60	650	24,407.82	% Sft.	158,651
Total of Schedule Item Rs.					766,599

Signature of the Contractor with Stamp

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BILL No. 12
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
24	Preparing surface Distempering. - 60 - 24 (c). Three coat.	8,360	1,079.65	% Sft.	90,259
25	Preparing surface and painting with Emulsion paint 78-29 a+b+c Three coat	640	1762.75	% Sft.	11,282
26	Filling, watering & remming earth in floor with new earth (Excavated from out side) lead upto one chain & lift upto 5 ft. Ch-1-P-4/22	5,127.50	3630.0	0% Cft.	18,613
27	Paint old surface. Ch.11 P-68/4.(a+b+c) Painting corrugated surface paint roofing etc with oil paint. (Two coats)	500	1,072.06	% Sft.	5,360
28	Providing and fixing cement paving blocks flooring having a size of (197 x 97 x 60 (mm) of city/quddra/cobble shape with natural colour having a strenght of b/w (5000 psi to 8500 psi) i/c filling the joint with hill sand & laying in spcified manner/pattern & design etc complete. Ch-8 P-49/71	2,300	159.82	Per Sft.	367,577
29	P/F precast Edge Block 3750 psi industrial made size 6" thick x 12" long & 12" high i/c the cost of cartage, excavation, form work, for haunching. 1450 psi lean concrete 2250 psi concrete for haunching 1:4 cement sand mortar. Ch.Highway works, Page 16/14	100	279.01	Per Rft.	27,901
Total of Schedule Item Rs.					520,991
Grand Total Amount of Schedule Item Rs.					5,725,193

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

Name of Work: Rehabilitation & Renovation of Hippopotamus Enclouser at Karachi Zoo. CS&R, KMC.

BILL No. 12
SUMMARY

Time Limit: _____

Penalty : Rs. _____ / - Per Day _____

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs. 57,25,193/- % above / Below of S.R.	Rs. _____
Grand Total (A)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____ Dated: _____

Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____

Project Director
Local Government Project, LG, GOS

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Rehabilitation & Improvement of Rhinoceros Cage at Karachi Zoo, CS&R, KMC.

BILL No. 13
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
1	Dismantling of Cement Block Masonry.Ch-2 P-10-14	1,328.0	1,134.38	%Cft.	15,065
2	Dismantling of Cement Concrete Plain 1:2:4.Ch-2 P-10-19 (c)	1,359.5	3,327.50	%Cft.	45,237
3	Dismantling of Cement Concrete Reinforement separating reinforcement from concrete cleaning straightening the same. Ch - 2 P - 10/20	160.0	5,445.00	%Cft.	8,712
4	Dismantling of Iron work of trusses shades, water tanks, etc excluding C&W cutting of. Ch - 2 P - 13/41	10.50	278.30	P/Cwt	2,922
5	Excavation for foundation of building bridges and other structures i/c degelling dassing refilling around structure with excavated earth watering and remming leas upto 5 ft. Ch-I - P 4/18-b	58,021.5	3,176.25	%0Cft.	184,291
6	Cement Concrete brick or stone blast 1-1/2 inch to 2 inch gauge. Ratio 1 : 4 : 8 Ch-4 P-15/4 (b)	9,728.00	9,416.28	%Cft.	916,016
7	Cartage of 100 Cft/5 ton of all material likes on aggregates spawl coal lime surkhi etc., B.G. Rail fastening points and crossing bridges guarders, Pipes sheets rains, M.S. Bars etc., or 1000 Nos. bricks 10x5x3 pr 100 moulds of fuel wood by trucks or any other mean owned by the contractor lead upto 10 miles.	60,869.00	714.29	%Cft.	434,781
8	Reinforced Cement Concrete including all labour and material except the cost of steel reinf.and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds lifting, shuttering, curing , rendering and finishing the exposed surface (including screening and washing of shingle).Ch-4 P-14/6	5,378.50	258.61	P/Cft.	1,390,934
9	Fabrication of Mild Steel reinforcement for cement concrete i/c cutting bending laying in pision making joints and fastenings i/c cost of binding wire (also i/c removal of rust from bars).Ch-4 P-17/8 (b) 20 - 7 - ii (a)	264.12	5,001.70	P/Cwt.	1,321,063
10	Erection & removal of centering for R.C.C or plain C.C. work of deodar wood (2nd class). Ch-4 P-18/19-B (Horizontal)	224.0	3,588.48	%Sft.	8,038
11	Cement Concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ch-2 P-16/5 (h) Ratio 1:2:4	400.0	14,429.25	%Cft.	57,717
12	P/L 1:3:6 Cement Concrete Solid Block Masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor super structre i/c raking out jointd & curing etc. Complete .Ch-4 P-19/24	148.0	15,771.01	%Cft.	23,341
13	Cement Plaster 1:4 upto 12' height. Ch-9 P-52/11	264.0	2,283.93	%Sft.	6,030
Total of Schedule Item Rs.					4,414,146

Signature of the Contractor with Stamp

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BILL No. 13
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
14	P/L 2" thick Flooring Cement Concrete 1 : 2 : 4 i/c surface finishing and curing complete and dividing into panels. Ch-8 P-42/16 (a+b+c+d) 2" Thick	6,082.0	3,275.50	%Sft.	199,216
15	Damp Proof Cours with (Cement Sand & single concrete 1:2:4) i/c 2 coats of Asphaltic Mixture. Ch-4 P-19/28 2" Thick	553.00	1,025.48	%Sft.	5,671
16	Excavation for Pipe line in trenches, & pits in soft soil i/c tremming & dassing sides to ture alignment & shape Leveling of bed of trenches to correct level & grade cutting jointing holes & disposal of surplus earth within a one chain as directed by the Engineer in charge. Proving fences, guards, lights, flags & temporary crossings for non-vehcular trafficce where ever required lift up to 5ft & lead upto one chain. (30.5m) vol-III P-/III Ch-II,P-60 A-1	15,750.0	3,600.0	%0 Cft.	56,700
17	P/L R.C.C pipe ASTM C-76-62 T/C 76-70 of class II wall B and fixing in trench i/c cutting, fitting and jointing with rubber ring i/c testing with water to specified pressure. vol-III P-/III Ch-II,P-17 B-1				
	8" Dia	300.0	229.00	P/Rft	68,700
	12" Dia	500.0	412.00	P/Rft	206,000
18	Construction manhole or inspection chamber for req. dia and speci. circular sewer and 3'-6"(1067mm) depth with wall of B.B in cement mortar 1:3 cement plaster 1:3, 1/2" thick inside wall 1" (25mm) thick over benching and channel i/c fixing C.I main hole cover with frame of clear opening 1/2' x 1-1/2 (457x457mm) of 1.75 cwt. (88.9 K.g) embeded in plain C.C 1:2:4 and fixing 1" dia M.S steps 6" (150 mm) wide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C/C duly painted etc. com. as per spec. and drawing. Ch-I P-46 - 1 (a)	15.0	14,748.0	Each	221,220
19	Manufacturing & Supplying of R.C.C Ring Slab of 21" inside 36" dia out side 7.5 width & 6" thick i/c 3/8" dia tor steel bars two concentric ring with 3/8" dia 8 Nos cross link bars welded & two sunk type hook, casted in a 1 : 1-1/2" : 3 concrete embeded 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 officer. (A minimum of 25 slab per trip will be transported.Vol-III Prt-VB- Ch-17 P-31- 2	15.0	1,906.60	Each	28,599
20	Manufacturing & Supplying of R.C.C Manhole Cover cast in 1: 2 : 4 c.concrete 3" deep at center reinforcement with 1/2" dia tor steel bars 4" c/c welded to 3/16" thick 2" wide M.S plate to hook of 3/8" dia tor bar i/c compaction i/c curing stacking and transpotation with 10 miles.Vol-III Prt-VB- Ch-17 P-31-1	15.0	913.63	Each	13,704
Total of Schedule Item Rs.					799,810

Signature of the Contractor with Stamp

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BILL No. 13
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
21	Refilling of Excavated stuff in trenches 6" thick layer i/c watering remaining to full compaction etc complete. Ch-11 P-77/24	15,750.0	2,760.00	% 0Cft.	43,470
22	P/F collapsible gate with channel framing of section 3/4" x 5/16" at 4" i/c revitted with 3/4" x 1/8" flat iron patti placed diagonally and provided with top & bottom T-Section 1" x 1" 1/8" along with rollers also i/c locking arrangement and fixing in floor / ceiling or wall etc. completed. Ch-17 P-94-32	140.0	387.04	P/Sft	54,186
23	P/F G.I pipes specials and clamps etc. i/c fixing cutting and fitting complete i/c the cost of breaking through walls and roof making good etc. painting two coats after cleaning the pipe etc. with white zink paint with pigment to match the color of the building and testing with water to a pressure head of 200 feet handling .Ch-4 P-12/1 (i+ii)				
i	1/2" Dia	300.0	73.21	P/Rft	21,963
ii	1" Dia	200.0	128.55	P/Rft	25,710
iii	1-1/2" Dia	200.0	188.97	P/Rft	37,794
iv	2" Dia	800.0	233.00	P/Rft	186,400
24	Providing & Fixing Handle Valves (china).Vol-III - Prt-V-B Ch-6-P-17/5				
	1/2" Dia	2.0	200.42	Each	401
	1" Dia	2.0	365.42	Each	731
	1-1/2" Dia	2.0	640.42	Each	1,281
	2" Dia	2.0	1,382.92	Each	2,766
25	Small Iron work such as gusset plate knees bends, strappings, rings etc. i/c cutting drilling reverting handling assembling & fixing but excluding erection in position. Ch-17-P-91/1	46.41	6420.61	P/Cwt	297,956
26	Erection & Fitting in position of iron trusses staging of water tanks etc. Ch-17 - P-91-3	46.41	271.04	P/Cwt	12,578
27	P / L white glaze tiles 6" x 6" 1/4" on floor or wall facing in req patten of STILE specification jointed in white cement and pigment over base a of 1:2 gray cement mortar 3/4" thick i/c washing & filling of joints with slurry of white cement & pigment desire shape with finishing cleaning & cost of wax polish etc. complete i/c cutting tiles to proper profile. 53 - 60	1,242.5	24,407.82	% Sft	303,267
28	P/F Colour Crete to wall surface to provide durable crest & aesthetics having thickness upto 3/4" with specified colour having a water fire & termite resistance (Upto 20 Height). Ch-9 P-56/44	1,480.00	6,319.50	% Sft	93,529
29	Distempering. Ch-9- Page 54/24 One coat (over priming coat) Three Coats	3,000.0	602.25 1,079.65 1,681.90	% Sft	50,457
30	Preparing surface and painting guard bars, gates iron bars, grating, railing, i/c standard braces (etc) and similar open work.	1,205.0	674.60	% Sft	8,129
Total of Schedule Item Rs.					1,140,617

Signature of the Contractor with Stamp

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BILL No. 13
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
31	Preparing the surface & painting with Emulsion Paint. Ch-11 P-72/29				
i	First Coat		847.99		
ii	2nd & Each Subsequent Coat.		457.38		
		3,000.0	1,305.37	% Sft	39,161
32	P/F precast Edge Block 3750 psi industrial made size 6" thick x 12" long & 12" high i/c the cost of cartage, excavation, form work, for haunching. 1450 psi lean concrete 2250 psi concrete for haunching 1:4 cement sand mortar. Ch.Highway works, Page 16/14	370.0	279.01	P/Rft.	103,234
33	Providing and fixing 197 x 97 x 60 (mm) natural colour or pigment inter locking concrete Pavers Blocks (Approved make 8500 psi) for footpath including preparing the base, medium sharp, cleaned sand screened to required level in thickness of 2" average after compaction etc. complete.	2,220	159.82	P/Sft.	354,792
34	Preparing & painting on Kerb Block etc complete as directed by the Engineer.(Two Coat)	231.3	1,421.75	%Sft.	3,288
35	Fabrication of heavy steel work with angle tees, flat iron, round iron and sheeds iron for making trusses girders tanks, etc. i/c cutting, drilling riveting handling assembling and fixing but excluding erection in position. 96 - 2	47.8	4,928.49	Per/Cwt	235,687
36	P/L Stone Pitching i/c. making base with dressed stone 6" thick hard packing in allignment and slopes directed by the Engineer in Charge.	375.0	5,377.63	%Cft.	20,166
37	P/Laying Cement pointing upto 20'ft Height with cement mortar 1:3 including finishing curing etc.complete.	500.0	1,077.45	%Sft.	5,387
38	Proving & fixing of G.I frames / chowkhats of size 7" x 2" x 4-1/2" x 3" for door using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ratio 1:6 & repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing. Ch-17 P/93-28	72.0	240.50	P/Rft.	17,316
39	P/Fixing in position, Doors, Windows & Ventilators of first class deodar frame & 1-3/4" thick commercial ply wood veneer shutters of first class deodar wood skeleton (Hollow) & commercial ply wood (3 ply) on both sides. Wood Work Ch-10-P-58/9	112.0	981.89	P/Sft.	109,971
Total of Schedule Item Rs.					889,002
Grand Total Amount of Schedule Item Rs.					7,243,576

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Rehabilitation & Improvement of Rhinoceros Cage at Karachi Zoo, CS&R, KMC.

BILL No. 13

Bill of Quantities

Based on Offer Rate Items

S.No.	Description	Quantity	Rate in Figure	Rate in Words	Unit	Amount
40	Supplying / Stacking and Laying Stone Soling 9 inches in size from approve quality etc Complete as Directed by the Engineer Incharge.	12,743.25			O.R P/Cft.	-
41	Supplying, Stacking & Spreading of Approved Garden Soil / sweet earth free from salt pebble & grass roots etc i/c all lead or lift loading & unloading etc complete as per direction of Engineer Incharge.	8,325			O.R P/Sft.	-
42	P/F fencing composed on G.I Pipe/Angle Iron frame of hot dipped galvanized wire chain link fencing 2" x 2" mesh size of 8 gauge SWG commercial upto the height 10' from G/L i/c the cost of straightening wire (12 Gauge) bracing with binding & clamps etc complete as per direction by the Engineer Incharge. (Excluding the cost of G.I Pipes /Angle Iron frame & its fixture).	336			O.R P/Sft.	-
43	Using S.R Cement in place of ordinary port land cement	1,820			O.R P/Cft.	-
44	Providing & Fixing Rockery Stone by Providing & Laying fragment upto 9" thick frame approved required set with 1:4 cement mortar i/c, loading, unloading scaffolding & curring upto height of 4ft from ground level as per directed by the Engineer Incharge.	440			O.R P/Sft.	-
45	Supplying, Stacking & Spreading of Murrum of approved quality to required slop i/c consolidation by remming & watering etc complete.	33,300			O.R P/Cft.	-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Rehabilitation & Improvement of Rhinoceros Cage at Karachi Zoo, CS&R, KMC.

BILL No. 13
SUMMARY

Time Limit: _____

Penalty : Rs. _____ / - Per Day _____

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs.72,43,576/- _____ % above / Below of S.R.	Rs. _____
Part-B	Item base on O/Rate Amount Rs. _____	Rs. _____
Grand Total (A + B)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____

Dated: _____

Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____

Project Director
Local Government Project, LG, GOS

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Improvement / Rehabilitation of Electrical & Mechanical works at Karachi Zoo, CS&R, KMC.

BILL No. 14
Bill of Quantities
Based on Schedule Items

S.No.	Description	Qty	Unit.	Rate in Figure	Amount	Reference
1	P/L (Main or Sub Main) PVC insulated with size 2-7/.029 copper conductor in 3/4" dia PVC conduit on surface.	200	Mtr.	171	34,200	No. 03
2	P/L (Main or Sub Main) PVC insulated with size 2-7/.044 (6mm ²) copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required.	150	Mtr.	341	51,150	No. 12
3	Providing & Laying (Main or Sub Main) PVC insulated & PVC insulated & PVC sheeted with single core copper conductor 250/440 volts size 2-7/.044 (6mm)	160	Mtr.	213	34,080	Sr.No.47
4	Providing & Laying (Main or Sub Main) PVC insulated & PVC insulated & PVC sheeted with single core copper conductor 250/440 volts size 2-7/.052 (10mm)	120	Mtr.	335	40,200	Sr.No.48
5	Providing & Laying (Main or Sub Main) PVC insulated & PVC insulated & PVC sheeted with single core copper conductor 250/440 volts size 2-7/.064 (16mm)	120	Mtr.	524	62,880	Sr.No.49
6	P/L (Main or Sub Main) of PVC Insulated & PVC sheeted with two core copper conductor 300/500 volts size 6mm ² .	110	Mtr.	233	25,630	Sr. No.62
7	P/L (Main or Sub Main) of PVC Insulated & PVC sheeted with two core copper conductor 300/500 volts size 10mm ² .	110	Mtr.	375	41,250	Sr. No.63
8	Providing and Laying (Main or Sub Main) PVC insulated PVC sheeted with 4 core copper conductor 300/500volts size 10mm ² .	120	Mtr.	742	89,040	Sr.No.101
9	P/L (Main or Sub Main) of PVC Insulated & PVC sheeted with four core copper conductor 600/1000 volts size 16mm ² .	60	Mtr.	1300	78,000	Sr. No.102
10	P/L (Main or Sub Main) of PVC Insulated & PVC sheeted with four core copper conductor 600/1000 volts size 35mm ² .	60	Mtr.	2529	151,740	Sr. No.104
Total of Schedule Item Rs.					608,170	

Signature of the Contractor with Stamp

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BILL No. 14
Bill of Quantities
Based on Schedule Items

S.No.	Description	Qty	Unit.	Rqte in Figure	Amount	Reference
11	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm(3/4") channel patti on surface as required.	50	Each	910	45,500	Sr. No.129
12	Wiring for plug point with 3/029 PVC insulated wire in 20mm(3/4") channel patti on surface as required.	50	Each	742	37,100	Sr. No.130
13	Providing and fixing of M.S tubular pole as per following specification to be fixed on pre cast foundation with the help of hydraulic crane and manual labour. 20FT (6" dia) x5.5FT (5" dia) x5.5FT (4" dia)= 31ft. Wall thickness 8 SWG. Base plate 18"x18"x3/4" Hole 4 Nos stiffeners 4 Nos 9-1/2"x4-1/2"x1/2" Making window in the pole required size with LN Key provision. Two coats red oxide (2coat) as rust preventive and of required oil paint (2 coat) as per site requirement and instruction of Engineer Incharge.	6	Each	36697	220,182	Sr. No.132
14	Construction of RCC foundation as per following specification and instruction of Engineer Incharge for 31ft./40ft. Long tubular pole. Excavation of soft/hard soil 3'x3'x5.5ft. Stone soiling 3'x3'x6" making lean in the ratio 1:4:8 Length of MS bolts 6-1/2'(3/4" dia) 4Nos and making thread on MS rod . Template 16"x16"x1/4". Rings 1/4" dia round bar 4-Nos to the welded with MS rod. RCC foundation ratio 1:2:4 with appropriate size 2'x2'x6.5'.	6	No	15168	91,008	Sr. No.139
15	Manufacturing Providing and Fixing GI Single Arm double arch as per site requirement instruction of Engineer Incharge with following specification. GI pipe 2" dia 10 SWG 5ft. Long 2 Nos. MS Clamps with nuts & bolts.	6	No	1546	9,276	Sr. No.143
Total of Schedule Item Rs. = 403,066						

Signature of the Contractor with Stamp

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NAME OF WORK: Improvement / Rehabilitation of Electrical & Mechanical works at Karachi Zoo, CS&R, KMC.

BILL No. 14

Bill of Quantities

Based on Schedule Items

S.No.	Description	Qty	Unit.	Rate in Figure	Amount	Reference
16	Manufacturing providing & fixing angle iron Bracket in square shape to accommodate 3 to 4 nos flood lights fitting 250/400watts with following specification as per site requirement & instruction of Engineer Incharge Angle iron 1.5"inch with supporting angles canopy 5" dia 1 ft. long with nuts.	8	No	3207	25,656	Sr.No.153
17	P/F of flood lights 400 Watts (HPIT) having IP 65 classification with 400Watt lamp, choke, capacitor, igniter and internal wiring complete in all respect at the height upto 40ft with the help of hydraulic crane and manual labour as per site requirement and instruction of E/I.	6	Meter	16980	101,880	Sr. No.167
18	P/F DP I/C change over switch 500 volts 400 amp on a prepared board	2	Meter	11506	23,012	Sr. No.199
19	Providing & Fixing Brass Bracket Fan 18" (good quality.	5	No	2791	13,955	Sr.No.236
Total of Schedule Item Rs.					164,503	
Grand Total Amount of Schedule Item Rs.					1,175,739	

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH,
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Improvement / Rehabilitation of Electrical & Mechanical works at Karachi Zoo,

BILL No. 14

Bill of Quantities

Based on Offer Rate Items

S.No.	Description	Qty	Unit.	Rate in Figure	Rate in Words	Amount
20	Wiring for power plug point with 2x7/.044 PVC insulaed cable ((AGE/Pioneer/Pakistan Cable Ltd.)) in 3/4" dia PVC conduit/Channel patti in the wall complete as required.	12	No			-
21	P/F of Pedistal fan Metal body size 24" make Pak/Millat complete as required.	3	No			-
22	Providing and Fixing of Light plug socket 10 Amp 3 pin with back box complete as required.	3	No			-
23	Providing and Fixing of Light plug socket 15/20 Amp 3 pin with back box complete as required.	2	No			-
24	P/F Mono block 2 HP pump with motor set single phase complete as required with all fixing accessories.	3	Job			-
25	P/F Suction 2 HP pump with motor set single phase complete as required with all fixing accessories.	3	Job			-
26	P/F of 10 HP three phase mono block pump complete as required with foundation as required size and ratio and complete all fixing accessories.	1	Job			-
27	P/F of DOL Motor Starter for 10 HP three phase pump set as required.	2	No			-
28	Providing/Fixing of 18000 BTU Split A/C (LG/Mitsubishi/S.G make) complete as per following. a) In door + Out door unit. b) Installation of in door land out door unit. c) 1/4" and 3/8" discharge and suction copper pipe. d) Connection wire from Indoor to Outdoor Unit.	1	Job			-
29	Providing/Fixing of Stablizer 7000 Watts complete as required.	1	No.			-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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BILL No. 14
Bill of Quantities
Based on Offer Rate Items

S.No.	Description	Qty	Unit.	Rate in Figure	Rate in Words	Amount
30	P/F Gate light Bowl type with 30Watts Energy Saver as per site requirement and as per approval of Site Engineer Incharge.	4	No			-
31	Supply & Installation of 50Hz 3 phase 10 KVA Prime rating Diesel Generating set with sound proof canopy, cables, all hardware's as per site requirement and instruction of Engineer Incharge.	1	Job			-
32	Supply & Installation of 50Hz 3 phase 5 KVA Prime rating Diesel Generating set with sound proof canopy, cables, all hardware's as per site requirement and instruction of Engineer Incharge.	1	Job			-
33	Providing/Supplying/Installaton LED Screen 60" of SONY Make) including its accessories and fittings as per direction of Engineer Incharge.	1	Job			-
34	P/F of Electric Water cooler (MECO or Equivalent) 60 Galons with wooden stand C.C.base of appropriate size, discharge PVC pipe 1.5" dia with specials complete as required.	2	Job			-
35	P/F water filter for Electric Water Cooler 60 Galons as per site requirement and instruction of Engineer Incharge.	4	Job			-
36	P/F of Wall mounted bracket fan /Metal body size 24" make Pak/Millat GFC complete as required.	5	No			-
37	P/F of Room Air Cooler 30 litter water tank capacity best quality as per approval of Engineer Incharge complete all respect as required.	4	No			-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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BILL No. 14
Bill of Quantities
Based on Offer Rate Items

S.No.	Description	Qty	Unit.	Rate in Figure	Rate in Words	Amount
38	P/F of distribution board fabricated in M.S sheet best quality gauge powder coated. wall mounted type & locking arrangement with following size Circuit Breaker including cost of connection complete in all respect make (Japan/Germany/France.) 1-100Amps T.P. (MCCB). 2-60Amps T.P (MCCB).	1	JOB			-
39	P/F of distribution board fabricated in M.S sheet best quality gauge powder coated, wall mounted type & locking arrangement with following size Circuit Breaker including cost of connection complete in all respect make (Japan/Germany/France.) 1-200Amps T.P. (MCCB).	1	JOB			-
40	Rewinding of following Motors complete with best quality gauge complete as required and charge of both side bearing.					
	a) 1 HP Single Phase	10	No.			-
	b) 2 HP Single Phase	10	No.			-
	c) 5 HP Three Phase	5	No.			-
	d) 10 HP Three Phase	4	No.			-
41	P/L GI pipe 3" dia heavy duty for electric wiring purpose with special. The work should be carried out as per site requirement and instruction of Engineer Incharge.	800	Rft.			-
42	P/F Footvalve as per following size.					
	a) 2" dia	10	No.			-
	b) 3" dia	10	No.			-
	c) 4" dia	10	No.			-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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NAME OF WORK: Improvement / Rehabilitation of Electrical & Mechanical works at Karachi Zoo, CS&R, KMC.

BILL No. 14
Bill of Quantities
Based on Offer Rate Items

S.No.	Description	Qty	Unit.	Rate in Figure	Rate in Words	Amount
43	Providing and fixing of LED street light 140 Watts Make Oslo/Pierlite/ Philips with internal wiring complete in all respect at the height with the help of hydraulic crane and instruction of Engineer Incharge	7	No.			-
44	Excavation and back filling hard/soft rock soil as required up to 3 ft as per site requirement and instruction of E/I.	15000	Cft.			-
45	Providing Petrol Lawn Mover Machine 22" with 5HP Honda Generator Best Quality complete with petrol operated engine Honda Japan fitted with 6 cutters blade with grass box and trolley complete as required.	2	Job			-
46	Providing Manual Lawn Mover Machine 16" Best Quality complete Japan fitted with 6 cutters blade with grass box and trolley complete as required.	2	Job			-
47	Providing Petrol Chain Saw (Craftsman USA) Best Quality complete as required as per instruction of E/I.	2	Job			-
48	Fabrication of Multi Loader Container (as per Specification). Floor will be of 10 Gauge. Both sides i.e Front and back side will be of 12 Gauge. U Channel - 3" x 1-1/2" 10 Gauge. U Channel - 4" x 2" , 10 Gauge. Hook made if 2 MS Steel with Base Plate. MS Angle will be of 1" x 1"-1/2". Complete Paint work of Multi Loader Container.	1	Job			-
49	Supply and Installation sound system complete with Amplifier, Equalizer, Wall Mounted Speaker and cordless Mic (03) complete as per instruction of E/I	1	Job			-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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NAME OF WORK: Improvement / Rehabilitation of Electrical & Mechanical works at Karachi Zoo, CS&R, KMC.

BILL No. 14
Bill of Quantities
Based on Offer Rate Items

S.No.	Description	Qty	Unit.	Rate in Figure	Rate in Words	Amount
50	P/F G.I. Soket 3" Dia IIL Make	100	Nos.			-
51	P/F G.I. Elbow 3" Dia IIL Make	50	Nos.			-
52	P/F G.I. Tee 3" Dia IIL Make	50	Nos.			-
53	P/F Submersible 4 HP Pump motor three phase complete as required (PADLLO ITLY) Make with Three phase (DOL) Motor Starter LG / Panasonic) all fixing accessories required.	1	Job			-
Total Amount of Offer Rate Items Rs.						-

Signature of the Contractor with Stamp

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Improvement / Rehabilitation of Electrical & Mechanical works at Karachi Zoo, CS&R, KMC.

BILL No. 14
SUMMARY

Time Limit: _____

Penalty : Rs. _____ / - Per Day _____

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs.11,75,739/- % above / Below of S.R.	Rs. _____
Part-B	Item base on O/Rate Amount Rs. _____	Rs. _____
Grand Total (A + B)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____ Dated: _____

Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____

Project Director
Local Government Project, LG, GOS

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Providing & Fixing of Flood Lights at Karachi Zoo Boundary Wall to the Animal Pictures

BILL No. 15
Bill of Quantities
Based on Schedule Items

S.No.	Description	Quantity	Rate in Figure	Unit	Amount
1	P/L (Main or Sub Main) PVC insulated PVC sheeted with three core copper conductor 300/500 volts 2.5 mm 2.	400	Mtr.	178	71,200.00
2	P/L (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 10 mm 2.	400	Mtr.	742	296,800.0
3	Manufacturing Providing and Fixing G.I Single Arm double arch as per site requirement instruction of Engineer Incharge with following specification. GI pipe 2" dia 10 SWG 7ft. long 2 Nos. MS Clamps with nuts & bolts.	130	No.	1,876	243,880.0
Total of Schedule Item Rs.					611,880
Grand Total Amount of Schedule Item Rs.					611,880

Signature of the Contractor with S

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Providing & fixing of Flood Lights at Karachi Zoo Boundary Wall to illuminate the Animal Pictures

BILL No. 15
Bill of Quantities
Based on Offer Rate Items

S.No.	Description	Quantity	Unit	Rate in Figure	Rate in Words	Amount
4	Providing and Fixing of LED light BVP 161 LED 60 C/W 70W 220-240 WB gray complete as req. (Philips)	130	No			-
5	Excavation 3'x3'x12' approx.(round or square shape) Salt, Charcoal dust, Calcium di Oxide. GI pipe 1" dia 12 SWG 13.5ft. Approx. copper wire 8 SWG 14'ft copper 2'x2'x1/4" plate copper nuts & bolts 2 Nos.	4	Set			-
6	M/P/Installation the distribution board alongwith locking arrangement made from Ms.Sheet 16 SWG. The size of the box should be as per installed accessories. The board should be as powder quoted, water proof and dust proof with ICI Primer coat. After fixing the flooring electric control system inside the box, the box should be installed at the given place with clamps and nuts bolts. the following control accessories will be installed. 1- 80 AMPs circute breaker (Tersaski / LG/Muiller) 1- Magnetic contractor FC.50 (Green power /LG/Muller).	4	Job			-
7	Excavation and back filling hard/soft rock soil as required up to 3 ft as per site requirement and instruction of Engineer Incharge.	3000	Cft			-
8	P/L (Main or Sub Main) PVC insulated & PVC sheeted with single Core Copper Conductor 300/500 volts size 6mm 2.	400	Mtr.			-
Total Amount of Offer Rate Items Rs.						-

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GOVERNMENT OF SINDH
PROJECT DIRECTOR LOCAL GOVERNMENT PROJECT

NAME OF WORK: Providing & Fixing of Flood Lights at Karachi Zoo Boundary Wall to illuminate the Animal Pictures

BILL No. 15
SUMMARY

Time Limit: _____

Penalty : Rs. _____ / - Per Day _____

I / We here by quoted as follows:-

Part-A	Item base on S/Rate Amount Rs. 6, 11,880/- % above / Below of S.R.	Rs. _____
Part-B	Item base on O/Rate Amount Rs. _____	Rs. _____
Grand Total (A + B)		Rs. _____

The Total Amount Rs. _____ In word Rupees _____

_____ Complete job for all Schedule of Rates & Offer Rates.

is included in the BOQ.

I / We have attach a Bid Security as per NIT in shape of Pay Order bearing No. _____ Dated: _____

Amounting to Rs. _____ Issued from _____

Note:-

1. Tender must be quoted in figher and works both other wise liable to be cancelled.
2. All over writing and correction if any must be initialed and stamped by the bidder.

Contractor's

Signature of the Contractor with Stamp

Name: _____

Address: _____

Contact No. _____

Checked / Verified By: _____

Project Director
Local Government Project, LG, GOS

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Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

- a) **Name of Procuring Agency:** Local Government Project, Govt. of Sindh.
- b) **Brief Description of Work:** **REHABILITATION AND IMPROVEMENT OF KARACHI ZOO, KMC.**
- c) **Procuring Agency Address:** Office of the Project Director, Local Government Project, Government of Sindh, situated at ST-04, Block-03, Scheme-5, Clifton, Karachi.
- d) **Estimated Cost:** **Rs.166.464 Million**
- e) **Amount of Bid Security:** **Rs. 3.329 Million**
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Office of the Director Accounts (Project), Local Government Project, Government of Sindh, situated at ST-04, Block-03, Scheme-5, Clifton, Karachi on **27-02-2017** at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**