

## BIDDING DATA

(This section should be filled in by the Engineer/ Procuring Agency before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders, wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders).

Instructions to Bidders

Clause Reference

1.1 Name of Procuring Agency

**TOWN COMMITTEE DIPLO DISTRICT THARPARKAR**

Brief Description of works

**DETAILED WORKING ESTIMATE FOR SUPPLYING OF 65 KVA DIESEL GENERATOR (02 Nos.) @ NEW RAINY DISPOSAL DIPLO TOWN**

5.1 (a) Procuring Agency's address:

**OFFICE OF THE TOWN COMMITTEE DIPLO DISTRICT THARPARKAR**

(b) Engineer's address:

Mr. **WAHID BUX** Assistant Executive Engineer, SCUG SERVICE

**TOWN COMMITTEE DIPLO DISTRICT THARPARKAR**

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: (Insert required capabilities and documents)

- i. Financial capacity: (must have turnover of Rs. 10.00 Million)
- ii. Technical capacity: (mention the appropriate category of registration with PEC and qualification and experience of the staff).
- iii. Construction Capacity: (mention the names and number of equipments required for the work).

12.1

- a) A detailed description of the works, essential technical and performance characteristics.
- b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule "B" to Bid. Specific Work Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.





**13.1 Amount of Bid security**

Rs: 77,888/- (In words Seventy Seven Thousand Eight Hundred Eighty Eight Only)

**14.1 Period of Bid Validity**

(90 Days)

**14.4 Number of Copies of the Bid to be submitted:**

One original plus 02 copies.

**14.6 (a) Procuring Agency's Address for the Purpose of Bid Submission**

**OFFICE OF THE CHAIRMAN TOWN COMMITTEE DIPLO DISTRICT THARPARKAR**

**15.1 Deadline for submission of Bids**

Time **01:00 PM** on **17-01-2017**

**16.1 Venue, Time and Date of Bid Opening**

Venue: **OFFICE OF THE CHAIRMAN TOWN COMMITTEE DIPLO DISTRICT THARPARKAR**

Time **01:30 PM** on **17-01-2017**

**16.4 Responsiveness of Bids**

- (i) Bid is valid till required period.
- (ii) Bid prices are firm during currency of contract/ Price adjustment.
- (iii) Completion period offered is within specified limits.
- (iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.
- (v) Bid does not deviate from basic technical requirements and
- (vi) Bids are generally in order etc.

\*Procuring Agency can adopt either of two options.

- a) **Fixed Price Contract:** in these contracts no escalation will be provided during currency of the contract and normally period of completion of these works is up to 12 months.
- b) **Price adjustment Contract:** In these contracts escalation will be paid only on those items and in the manner as notified by Finance Department, Government of Sindh, after bid opening during currency of the contract.

  
**CHIRMAN**  
Town Committee Diplo  
Thraparkar

**SCHEDULE -A TO BID****SCHEDULE OF PRICES**

Bill No:	Description	Amount
1.	SUPPLYING & INSTALLING DOOOSAN 65KVA GENERATORS WITH CANOPE SELF STARTER	Rs: 4,500,000/-

**SCHEDULE -A TO BID****SCHEDULE OF PRICES-SUMMARY OF BID PRICES (SAMPLE)**

Item No:	Description	Quantity	Unit Rate (Rs)	Total Amount (Rs)
1.	SUPPLYING & INSTALLING DOOOSAN 65KVA GENERATORS WITH CANOPE SELF STARTER	02 Nos.		

**"SCHEDULE B"**

**SUPPLYING OF 65 KVA DIESEL GENERATORS (02 NOS.) @ NEW RAINY  
DISPOSAL DIPLO TOWN**

Sr. No:	Item Description	QTY	Rate	Unit	Amount
01.	SUPPLYING & INSTALLING DOOOSAN 65KVA GENERATORS WITH CANOPE SELF STARTER I/C TRANSPORTATION CHARGES TO SITE OF WORK @ DIPLO TOWN	02	2,250,000	Each	4,500,000

**CONTRACTOR**

  
**ASSISTANT EXECUTIVE ENGINEER**  
TOWN COMMITTEE  
DIPLO

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Instructions to Bidders

Clause Reference

1.1 Name of Procuring Agency

**TOWN COMMITTEE DIPLO DISTRICT THARPARKAR**

Brief Description of works

**DETAILED WORKING ESTIMATE FOR CONSTRUCTION OF DISPOSAL @ ZONE "A" FOR DRAINAGE SCHEME NEAR CIRCUIT HOUSE DIPLO TOWN**

5.1 (a) Procuring Agency's address:

**OFFICE OF THE TOWN COMMITTEE DIPLO DISTRICT THARPARKAR**

(b) Engineer's address:

Mr. **WAHID BUX** Assistant Executive Engineer, SCUG SERVICE

**TOWN COMMITTEE DIPLO DISTRICT THARPARKAR**

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**CHIRMAN**  
Town Committee Diplo  
Thraparkar

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(90 Days)

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**CHAIRMAN**  
Town Committee Diplo  
Tharparkar

**“SCHEDULE B”**  
**CONSTRUCTION OF DISPOSAL WORK @ ZONE “A” FOR DRAINAGE**  
**SCHEME (NEAR CIRCUIT HOUSE) DIPLO TOWN**

**ABSTRACT**

**DISPOSAL WORK**

i)	Repair of Disposal work	Rs:	1,236,781
ii)	Screening Chamber (8' x 5')	Rs:	165,743
iii)	Pump House (14' x 12')	Rs:	391,974
iv)	Repair of Compound Wall	Rs:	661,434
v)	Repair of Open surface drain Type “C” & “B”	Rs:	613,823

**TOTAL Rs: 3,069,755**



**CONTRACTOR**

**ASSISTANT EXECUTIVE ENGINEER**  
TOWN COMMITTEE  
DIPLO



**DISPOSAL WORK (ZONE-A)****(i) CONSTRUCTION OF COLLECTING TANK 20' DIA**

1.	Excavation of well in dry upto 20 ft below ground level and disposal of soil within one chain (G.S.I.No. 1 P-85).				
(i)	0-5 ft Depth				
	2861.0 Cft	@ Rs. 2247/58	P <sup>00</sup> Cft		Rs. 6,430/=
(ii)	5.1-10 ft Depth				
	2861.0 Cft	@ Rs. 2347/40	P <sup>00</sup> Cft		Rs. 6,766/=
2.	Wet sinking of wells for depth below spring level by means of devers including all charges for shoring loading and removing excavated material within one chain. (G.S.I.No. 3 (iii) P-87). From 10.1' upto 15' depth				
	2861.0 Cft	@ Rs. 37230/77	P <sup>00</sup> Cft		Rs. 106,517/=
3.	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) (a) RCC work in roof slab beams columns, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects Ratio (1:2:4) 90 lbs cement 2 Cft sand and 4 Cft shingle 1/8" to 1/4" gauge. (G.S.I.No. 6 P-16)				
	1718.00 Cft	@ Rs. 337/=	P.Cft		Rs. 578,966/=
4.	Fabrication of Mild steel reinforcement for cement concrete including cutting bending laying in position, making joints & fastenings including cost of binding wire (also includes removal of rust from bars) (G.S.I.No.7 (b) P-16) (USING TAR BARS)				
	84.366 Cwt	@ Rs. 5001/70	P.Cwt		Rs. 421,973/=
5.	Cement Concrete plain including placing compacting finishing and curing complete (including screening and washing of stone aggregate without shutting (G.S.I.No.5 (i) P-18). Ratio 1:4:8				
	398.00 Cft	@ Rs. 11288/75	P% Cft		Rs. 44,929/=
6.	Cement Concrete plain including placing compacting finishing and curing complete (including screening and washing of stone aggregate without shutting (G.S.I.No.5 (i) P-15). For Plugging Ratio (1:3:6)				
	157.0 Cft	@ Rs. 12595/=	P% Cft		Rs. 19,774/=
	Ratio (1:2:4)				
	Say 79.0 Cft	@ Rs. 14429/25	P% Cft		Rs. 11,399/=
7.	Cement Plaster (1:3) upto 12' height (G.S.I.No. 10 (b) P-52). 1/2" Thick				
	1131.00 Sft	@ Rs. 2344/59	P% Sft		Rs. 26,517/=
8.	Supplying and embedding C.I Foot steps of approved design weight not less than 15 Lbs (R.A. Approve).				
	14 Nos	@ Rs. 965/-	Each		Rs. 13,510/=
			Total		Rs. 1,236,781/=

**CONTRACTOR**

  
**ASSISTANT EXECUTIVE ENGINEER**  
 TOWN COMMITTEE  
 DIPLO

(ii) **SCREENING CHAMBER (8' X 5')**

1.	Excavation in foundation of building bridges on other structure i/c dag-belling, dressing, refilling around the excavated earth watering and ramming lead upto one chain lift upto 5 ft (in sand ashes loose soil) (G.S.I.No. 18 (a) P-4).	489.0 Cft	@ Rs. 2722/50	P <sup>100</sup> Cft	Rs. 1,331/=
2.	Cement Concrete plain including placing compacting finishing and curing complete (including screening and washing of stone aggregate with out shutting (G.S.I.No.5 (i) P-16). Ratio (1:4:8)	49.0 Cft	@ Rs. 11288/75	P <sup>100</sup> Cft	Rs. 5,531/=
3.	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) (a) RCC work in roof slab beams columns, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects Ratio (1:2:4) 90 lbs cement 2 Cft sand and 4 Cft shingle 1/8" to 1/4" gauge. (G.S.I.No. 6 (a) P-17).	247.0 Cft	@ Rs. 337/-	P.Cft	Rs. 83,239/=
4.	Fabrication of Mild steel reinforcement for cement concrete including cutting bending laying in position, making joints & fastenings including cost of binding wire (also includes removal of rust from bars) (G.S.I.No.8 (b) P-17) (Using Tar Bars).	9.92 Cwt	@ Rs. 5001/70	P.Cwt	Rs. 49,617/=
5.	Cement Plaster (1:3) upto 12' 1/2" thick height (G.S.I.No: 10 P-52).	208.00 Sft	@ Rs. 2344/59	P <sup>100</sup> Sft	Rs. 4,877/=
6.	Fabrication of heavy steel work with angles, tees, flat iron, iron and sheet iron for making trusses, girders, tanks etc. including cutting riveting, handling assembling and fixing but eluding erection in position (G.S.I. No. 2 P-93).	1.67 Cwt	@ Rs. 4928/49	P.Cwt	Rs. 8,231/=
7.	Erection and fitting in position of iron tresses, staging of water tank etc. (G.S.I.No. 3 P-90).	1.67 Cwt	@ Rs. 271/04	P.Cwt	Rs. 453/=
8.	Excavation for pipe line trenches and pits in sandy soil including trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as directed by Engineer Incharge. Providing fence guards, lights, flags, temporary crossings for non vehicular traffic where ever required lift upto 5 ft (1.52 m) and lead upto one chain (30.5 m). (P.H.S.I.No. 2 P-60).	168.00 Cft	@ Rs. 3750/=	P <sup>100</sup> Cft	Rs. 630/=
9.	Providing R.C.C pipes of A.S.T.M-C-76-62 T C-76-70 Class-II Wall B and fixing in trenches i/c cutting, fitting and jointing with rubber ring i/c testing with water to specified pressure. (P.H.S.I.No. 1 (b) P-17). <u>12" dia</u>	16.00 Rft	@ Rs. 412/-	P.Rft	Rs. 6,592/=
10.	Supplying and embedding C.I Foot steps of approved design weight not less than 15 Lbs (R.A. Approve).	5 Nos;	@ Rs. 965/-	Each	Rs. 4825/=
11.	Refilling the excavated stuff in trenches 6" thick layer i/c watering, ramming, to full compaction etc complete. (P.H.S.I.No. 24 P-77).	151.00 Cft	@ Rs. 2760/=	P <sup>100</sup> Cft	Rs. 417/=
				<b>Total</b>	<b>Rs. 165,743/=</b>

**CONTRACTOR**

  
**ASSISTANT EXECUTIVE ENGINEER**  
TOWN COMMITTEE  
DIPLO

(iii) **PUMP HOUSE (14' X 12')**

1. Excavation in foundation of building bridges on other structure i/c dag-belling, dressing, refilling around the excavated earth watering and ramming lead upto one chain lift upto 5 ft (in sandy soil) (G.S.I.No. 18 P-4).  
Say 359.00 Cft @ Rs. 2722/50 P<sup>00</sup> Cft Rs. 977/=
2. Cement Concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate with out shutting (G.S.I.No.5 (i) P-18).  
Ratio (1:4:8)  
Say 135.00 Cft @ Rs. 11288/75 P<sup>00</sup> Cft Rs. 14,240/=
3. Pucca brick work in foundation and plinth in cement sand mortar (1:6) (G.S.I. No. 4 P-21).  
Say 329.00 Cft @ Rs. 11948/36 P<sup>00</sup> Cft Rs. 39,310/=
4. Pucca brick work in ground floor in Cement sand mortar (1:4) (G.S.I. No. 5 P-21).  
Say 543.0 Cft @ Rs. 13227/41 P<sup>00</sup> Cft Rs. 71,825/=
5. Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) (a) RCC work in roof slab beams columns, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects Ratio (1:2:4) 90 lbs cement 2 Cft sand and 4 Cft shingle 1/8" to 1/4" gauge. (G.S.I.No. 6 (a) P-16).  
208.0 Cft @ Rs. 337/- P.Cft Rs. 70,096/=
6. Fabrication of Mild steel reinforcement for cement concrete including cutting bending laying in position, making joints & fastenings including cost of binding wire (also includes removal of rust from bars) (G.S.I.No. 8 b P-17) (USING TAR BARS)  
8.35 Cwt @ Rs. 5001/70 P.Cwt Rs. 41,764/=
7. Filling Watering and ramming earth in floors with surplus earth form foundation lead upto one chain and lift upto 5' ft; (G.S.I. No. 21 P-5).  
Say 237.00 Cft @ Rs. 1512/50 P<sup>00</sup> Cft Rs. 358/=
8. Heavy Supplying and fixing steel windows of Z-Section 3/4" x 3/4" x 1/8" partly fixed and partly open and glazed with 24- Oz glass fitting and painting 3 Coats etc complete (R.A approved) (NSI).  
4.07 Cwt @ Rs. 4928/49 P/Cwt Rs. 20,059/=
9. Supplying and fixing in position Iron Steel grill of 3/8" x 1/4" size flat Iron or approved design including painting 3 Coats etc complete (Weight net less than 3.7 lb/sp: ft: of in finished grill. (G.S.I.No.26 P-93).  
48.00 Sft @ Rs. 180/50 P.Sft Rs. 8,664/=
10. Making and fixing steel grated door with 1/16" thick sheeting i/c angle iron frame 2" x 2" x 3/8" & 3/4" squire bar 4" center to center with locking arrangement. (G.S.I.No. 24 P-91).  
28.00 Sft @ Rs. 726/72 P.Sft Rs. 20,348/=
11. Cement Plaster (1:6) upto 12' height 1/2" thick (G.S.I.NO 13 (a) P-52).  
1156.00 Sft @ Rs. 2206/60 P<sup>00</sup> Sft Rs. 25,508/=
12. Cement Plaster (1:4) upto 12' height 3/8" thick (G.S.I.NO 11 (a) P-52).  
1156.00 Sft @ Rs. 2197/52 P<sup>00</sup> Sft Rs. 25,403/=
13. Preparing the surface and applying rock wall/shield (Natural wall texture)

	coating to provide durable crust to wall, thickness b/w 2mm to 32mm (1/8") with acrylic co-polymer emulsion, selected marble chips, adhesive and bactericides, water resistance and fire and termite resistance (Upto 20'-0 height) (G.S.I.No. 43 P-55.)	695.00 Sft	@ Rs. 4504/50	P% Sft	Rs. 31,306/=
14.	Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (G.S.I. No: 16 (c) P-42).				
	<u>2" thick</u>	168.0 Sft	@ Rs. 3275/50	P% Sft	Rs. 5,503/=
	<u>1 1/2" thick</u>	296.56 Sft	@ Rs. 2548/29	P% Sft	Rs. 7,557/=
15.	Distempering 3 Coats (G.S.I. NO. 24 P-60).	729.0 Sft	@ Rs. 1079/65	P% Sft	Rs. 7,871/=
16.	Painting New Surface preparing surface and painting of door and windows any type (including edges) (3 Coats) (G.S.I. No. 5 (c) P-69).	56.00 Sft	@ Rs. 2116/41	P% Sft	Rs. 1,185/=
			Total		Rs. 391,974/=



CONTRACTOR

ASSISTANT EXECUTIVE ENGINEER  
TOWN COMMITTEE  
DIPLO

## v) CONSTRUCTION OF BRICK MASONRY COMPOUND WALL

1.	Excavation in foundation of buildings bridges and other structures including dag belling, dressing refilling around structures with excavated earth watering and ramming lead upto 5' ft: (In sand, ash or loose Soil) (G.S.I.No.18 (b) P-4).	1371.25 Cft	@ Rs. 2722/50	P <sup>00</sup> Cft	Rs. 3,733/=
2.	Cement concrete plain including placing compacting finishing and curing complete (Including screening and washing of stone aggregate without shuttering (G.S.I. No. 5 P-15). (Ratio 1:4:8)	Say 341.0 Cft	@ Rs. 11288/75	P <sup>00</sup> Cft	Rs. 38,495/=
3.	Pucca brick work in foundation and plinth in cement sand mortar (1:6) (G.S.I. No. 4 P-20).	1354.00 Cft	@ Rs. 11948/36	P <sup>00</sup> Cft	Rs. 161,781/=
4.	Pucca brick work other than building including striking of joint upto 20' cement sand mortar (1:4) (G.S.I. No. 7 P-21).	783.0 Cft	@ Rs. 12899/70	P <sup>00</sup> Cft	Rs. 101,005/=
5.	Making & Fixing steel grated doors complete with 1/16" thick sheeting including angle Iron frame 2" x 2" x 3/8" and 3/4" square bars 4" center to center with locking arrangement (G.S.I.No. 24 P-91).	72.0 Sft	@ Rs. 726/72	P.Sft	Rs. 52,324/=
	Cement pointing Struck joints on Walls Ratio (1:3) (G.S.I No. 19 (a) P-52).	1206.0 Sft	@ Rs. 1213/58	% Sft	Rs. 14,636/=
7.	Cement Plaster (1:6) upto 12" height (G.S.I.No: 13 P-51). <u>1/2" thick</u>	2113.00 Sft	@ Rs. 2206/60	P <sup>00</sup> Sft	Rs. 46,625/=
8.	Cement Plaster (1:4) upto 12" height (G.S.I.No: 13 P-51). <u>3/8" thick</u>	2113.0 Sft	@ Rs. 2197/52	P % Sft	Rs. 46,434/=
9.	Reinforced cement concrete work including all labour and material except the cost of binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing washing of shingle (a) RCC work in roof slab beams columns rafters lintels and others structural members laid in situ or precast laid in position complete in all respects Ratio (1:2:4) 90 Lbs cement 2 Cft sand and 4 Cft shingle 1/8" to 1" gauge (G.S.I. NO.6) (a) (i) P-15).	Say 252.0 Cft	@ Rs. 337/=	P.Cft	Rs. 84,924/=
10.	Fabrication of mild steel reinforcement for cement concrete including cutting, bending laying in position making joints and fastening laying in position binding wire (also includes removal of rust from bars) (G.S.I. No.7 P-16).	10,125 Cwt	@ Rs. 5001/70	P.Cwt	Rs. 50,642/=
11.	Providing and laying HALA pattern tiles glazed 8" x 8" x 3/4" on floor or wall facing in required pattern of STILE specification jointed in which cement and pigment over a base of 1:2 grey cement mortar 3/4" thick ie washing and filling joints with slurry of which cement and pigment in desired shape with finishing clearing and cost of wax polish etc complete i.e cutting tiles to proper profile (G.S.I. No. 62 P-47).	78.0 Sft	@ Rs. 34520/31	P <sup>00</sup> Sft	Rs. 26,926/=
12.	White Washing one Coat (G.S.I. No. 16 (a) P-58).	2113.0 Sft	@ Rs. 416/63	P <sup>00</sup> Sft	Rs. 8,803/=
13.	Distemping two coats (G.S.I. No: 24 (b) P-53).	2113.0 Sft	@ Rs. 1043/90	P <sup>00</sup> Sft	Rs. 22,058/=
14.	Painting New Surface preparing surface and painting of door and windows any type (including edges) (3 Coats) (G.S.I. No. 5 (c) P-70).	144.00 Sft	@ Rs. 2116/41	P <sup>00</sup> Sft	Rs. 3,048/=
<b>Total</b>					<b>Rs. 661,434/=</b>

CONTRACTOR

ASSISTANT EXECUTIVE ENGINEER  
TOWN COMMITTEE  
DIPLO

(v) Repair of Open surface drain Type "C" & "B"

1	Pacca brick work in foundation and plinth in cement sand mortar (1:6). (G.S.I No: 4 P-21)	Say 2813.00 Cft	@ Rs. 11948/36	P% Cft	Rs. 336,107/=
2.	Cement plaster (1:6) up to 12' height 1/2" thick. (G.S.I No: 11 (b) P-51)	5800.0 Sft	@ Rs. 2283/93	P% Sft	Rs. 132,468/=
3.	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) (a) RCC work in roof slab, beams columns, rafs, lintels and other structural members laid in situ or precast laid in position complete in all respects Ratio (1:2:4) 90 lbs cement 2 Cft sand and 4 Cft shingle 1/8" to 1/4" gauge. (G.S.I.No. 6 P-18).	270.00 Cft	@ Rs. 337/-	P.Cft	Rs. 90,990/=
4.	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position, making joints & fastenings including cost of binding wire (also includes removal of rust from bars) (G.S.I. No: 7 (ii) P-20).	10.848 Cwt	@ Rs. 5001/70	P.Cwt	Rs. 54,258/=
				<b>Total</b>	<b>Rs. 613,823/-</b>

CONTRACTOR

  
ASSISTANT EXECUTIVE ENGINEER  
TOWN COMMITTEE  
DIPLO

**“SCHEDULE B”**  
**CONSTRUCTION OF DISPOSAL FOR RAINY WATER @**  
**CHHACHI TARAI DIPLO TOWN**

**ABSTRACT**

**DISPOSAL WORK**

i)	Repair of Disposal work	Rs:	1,236,781
ii)	Screening Chamber (8' x 5')	Rs:	165,743
iii)	Pump House (14' x 12')	Rs:	391,974
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**TOTAL Rs: 3,069,755**

**CONTRACTOR**

**ASSISTANT EXECUTIVE ENGINEER**  
TOWN COMMITTEE  
DIPLO

**DISPOSAL WORK (ZONE-A)****(i) CONSTRUCTION OF COLLECTING TANK 20' DIA**

1. Excavation of well in dry upto 20 ft below ground level and disposal of soil within one chain (G.S.I.No. 1 P-85).

(i) 0-5 ft Depth

2861.0 Cft @ Rs. 2247/58 P% Cft Rs. 6,430/=

(ii) 5.1-10 ft Depth

2861.0 Cft @ Rs. 2347/40 P% Cft Rs. 6,766/=

2. Wet sinking of wells for depth below spring level by means of devers including all charges for shoring loading and removing excavated material within one chain. (G.S.I.No. 3 (iii) P-87).

From 10.1' upto 15' depth

2861.0 Cft @ Rs. 37230/77 P% Cft Rs. 106,517/=

3. Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) (a) RCC work in roof slab beams columns, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects Ratio (1:2:4) 90 lbs cement 2 Cft sand and 4 Cft shingle 1/8" to 1/4" gauge. (G.S.I.No. 6 P-16)

1718.00 Cft @ Rs. 337/= P.Cft Rs. 578,966/=

4. Fabrication of Mild steel reinforcement for cement concrete including cutting bending laying in position making joints & fastenings including cost of binding wire (also includes removal of rust from bars) (G.S.I.No.7 (b) P-16) (USING TAR BARS)

84.366 Cwt @ Rs. 5001/70 P.Cwt Rs. 421,973/=

5. Cement Concrete plain including placing compacting finishing and curing complete (including screening and washing of stone aggregate without shutting (G.S.I.No.5 (i) P-18).

Ratio 1:4:8

398.00 Cft @ Rs. 11288/75 P% Cft Rs. 44,929/=

6. Cement Concrete plain including placing compacting finishing and curing complete (including screening and washing of stone aggregate without shutting (G.S.I.No.5 (i) P-15).

For Plugging

Ratio (1:3:6)

157.0 Cft @ Rs. 12595/- P% Cft Rs. 19,774/=

Ratio (1:2:4)

Say 79.0 Cft @ Rs. 14429/25 P% Cft Rs. 11,399/=

7. Cement Plaster (1:3) upto 12' height (G.S.I.No. 10 (b) P-52).

1 1/2" Thick

1131.00 Sft @ Rs. 2344/59 P% Sft Rs. 26,517/=

8. Supplying and embedding C.I Foot steps of approved design weight not less than 15 Lbs (R.A. Approve).

14 Nos @ Rs. 965/- Each Rs. 13,510/=

**Total Rs. 1,236,781/=**

**CONTRACTOR**

**ASSISTANT EXECUTIVE ENGINEER**

**TOWN COMMITTEE**

**DIPLO**



(ii) **SCREENING CHAMBER (8' X 5')**

1.	Excavation in foundation of building bridges on other structure i/c dag-belling, dressing, refilling around the excavated earth watering and ramming lead upto one chain lift upto 5 ft (in sand ashes loose soil) (G.S.I.No. 18 (a) P-4).	489.0 Cft	@ Rs. 2722/50	P <sup>900</sup> Cft	Rs. 1,331/=
2.	Cement Concrete plain including placing compacting finishing and curing complete (including screening and washing of stone aggregate with out shutting (G.S.I.No.5 (i) P-16). Ratio (1:4:8)	49.0 Cft	@ Rs. 11288/75	P% Cft	Rs. 5,531/=
3.	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) (a) RCC work in roof slab beams columns, rafters, lintels and other structural members laid in situ or precast laid in position complete in all respects Ratio (1:2:4) 90 lbs cement 2 Cft sand and 4 Cft shingle 1/8" to 1/4" gauge. (G.S.I.No. 6 (a) P-17).	247.0 Cft	@ Rs. 337/=	P.Cft	Rs. 83,239/=
4.	Fabrication of Mild steel reinforcement for cement concrete including cutting bending laying in position, making joints & fastenings including cost of binding wire (also includes removal of rust from bars) (G.S.I.No.8 (b) P-17) (Using Tar Bars).	9.92 Cwt	@ Rs. 5001/70	P.Cwt	Rs. 49,617/=
5.	Cement Plaster (1:3) upto 12' 1/2" thick height (G.S.I.No. 10 P-52).	208.00 Sft	@ Rs. 2344/59	P% Sft	Rs. 4,877/=
6.	Fabrication of heavy steel work with angles, tees, flat iron, iron and sheet iron for making trusses, girders, tanks etc. including cutting riveting, handing assembling and fixing but eluding erection in position (G.S.I. No. 2 P-93).	1.67 Cwt	@ Rs. 4928/49	P.Cwt	Rs. 8,231/=
7.	Erection and fitting in position of iron tresses, staging of water tank etc. (G.S.I.No. 3 P-90).	1.67 Cwt	@ Rs. 271/04	P.Cwt	Rs. 453/=
8.	Excavation for pipe line trenches and pits in sandy soil including trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as directed by Engineer Incharge. Providing fence guards, lights, flags, temporary crossings for non vehicular traffic where ever required lift upto 5 ft (1.52 m) and lead upto one chain (30.5 m). (P.H.S.I.No. 2 P-60).	168.00 Cft	@ Rs. 3750/=	P <sup>900</sup> Cft	Rs. 630/=
9.	Providing R.C.C pipes of A.S.T.M-C-76-62 T/C-76-70 Class-II Wall B and fixing in trenches i/c cutting, fitting and jointing with rubber ring i/c testing with water to specified pressure. (P.H.S.I.No. 1 (b) P-17). 12" dia	16.00 Rft	@ Rs. 412/=	P.Rft	Rs. 6,592/=
10.	Supplying and embedding C.I Foot steps of approved design weight not less than 15 Lbs (R.A. Approve).	5 Nos:	@ Rs. 965/-	Each	Rs. 4825/=
11.	Refilling the excavated stuff in trenches 6" thick layer i/c watering, ramming, to full compaction etc complete. (P.H.S.I.No. 24 P-77).	151.00 Cft	@ Rs. 2760/=	P <sup>900</sup> Cft	Rs. 417/=
				Total	Rs. 165,743/=

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(iii) PUMP HOUSE (14' X 12')

1.	Excavation in foundation of building bridges on other structure i/c dag-belling, dressing, refilling around the excavated earth watering and ramming lead upto one chain lift upto 5 ft (in sandy soil) (G.S.I.No. 18 P-4).	Say 359.00 Cft	@ Rs. 2722/50	P <sup>100</sup> Cft	Rs. 977/=
2.	Cement Concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate with out shutting (G.S.I.No.5 (i) P-18). Ratio (1:4:8)	Say 135.00 Cft	@ Rs. 11288/75	P <sup>100</sup> Cft	Rs. 14,240/=
3.	Pucca brick work in foundation and plinth in cement sand mortar (1:6) (G.S.I. No. 4 P-21).	Say 329.00 Cft	@ Rs. 11948/36	P <sup>100</sup> Cft	Rs. 39,310/=
4.	Pucca brick work in ground floor in Cement sand mortar (1:4) (G.S.I. No. 5 P-21).	Say 543.0 Cft	@ Rs. 13227/41	P <sup>100</sup> Cft	Rs. 71,825/=
5.	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) (a) RCC work in roof slab beams columns, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects Ratio (1:2:4) 90 lbs cement 2 Cft sand and 4 Cft shingle 1 8" to 1 4" gauge. (G.S.I.No. 6 (a) P-16).	208.0 Cft	@ Rs. 337/=	P.Cft	Rs. 70,096/=
6.	Fabrication of Mild steel reinforcement for cement concrete including cutting bending laying in position, making joints & fastenings including cost of binding wire (also includes removal of rust from bars) (G.S.I.No. 8 b P-17) (USING TAR BARS)	8.35 Cwt	@ Rs. 5001/70	P.Cwt	Rs. 41,764/=
7.	Filling Watering and ramming earth in floors with surplus earth form foundation lead upto one chain and lift upto 5' ft: (G.S.I. No. 21 P-5).	Say 237.00 Cft	@ Rs. 1512/50	P <sup>100</sup> Cft	Rs. 358/=
8.	Heavy Supplying and fixing steel windows of Z-Section 1/4" x 1/4" x 1/8" partly fixed and partly open and glazed with 24- 0z glass fitting and painting 3 Coats etc complete (R.A approved) (NSI).	4.07 Cwt	@ Rs. 4928/49	P/Cwt	Rs. 20,059/=
9.	Supplying and fixing in position Iron Steel grill of 3/8" x 1/4" size flat Iron or approved design including painting 3 Coats etc complete (Weight net less than 3.7 lb/sp: ft: of in finished grill. (G.S.I.No.26 P-93).	48.00 Sft	@ Rs. 180/50	P.Sft	Rs. 8,664/=
10.	Making and fixing steel grated door with 1/16" thick sheeting i/c angle iron frame 2" x 2" x 3/8" & 3/4" squire bar 4" center to center with locking arrangement. (G.S.I.No. 24 P-91).	28.00 Sft	@ Rs. 726/72	P.Sft	Rs. 20,348/=
11.	Cement Plaster (1:6) upto 12' height 1/2" thick (G.S.I.NO 13 (a) P-52).	1156.00 Sft	@ Rs. 2206/60	P <sup>100</sup> Sft	Rs. 25,508/=
12.	Cement Plaster (1:4) upto 12' height 3/8" thick (G.S.I.NO 11 (a) P-52).	1156.00 Sft	@ Rs. 2197/52	P <sup>100</sup> Sft	Rs. 25,403/=
13.	Preparing the surface and applying rock wall/shield (Natural wall texture)				

coating to provide durable crust to wall, thickness b/w 2mm to 32mm (1/8") with acrylic co-polymer emulsion, selected marble chips, adhesive and bactericides, water resistance and fire and termite resistance (Upto 20'-0 height) (G.S.I.No. 43 P-55.)

	695.00 Sft	@ Rs. 4504/50	P <sup>00</sup> % Sft	Rs. 31,306/=
14.	Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels, (G.S.I. No: 16 (c) P-42).			
	2" thick			
	168.0 Sft	@ Rs. 3275/50	P <sup>00</sup> % Sft	Rs. 5,503/=
	1 1/2" thick			
	296.56 Sft	@ Rs. 2548/29	P <sup>00</sup> % Sft	Rs. 7,557/=
15.	Distempering 3 Coats (G.S.I. NO. 24 P-60).			
	729.0 Sft	@ Rs. 1079/65	P <sup>00</sup> % Sft	Rs. 7,871/=
16.	Painting New Surface preparing surface and painting of door and windows any type (including edges) (3 Coats) (G.S.I. No. 5 (c) P-69).			
	56.00 Sft	@ Rs. 2116/41	P <sup>00</sup> % Sft	Rs. 1,185/=
			<b>Total</b>	<b>Rs. 391,974/=</b>

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# v) CONSTRUCTION OF BRICK MASONRY COMPOUND WALL

1.	Excavation in foundation of buildings bridges and other structures including dag belling, dressing refilling around structures with excavated earth watering and ramming lead upto 5' ft: (In sand, ash or loose Soil) (G.S.I.No.18 (b) P-4).	1371.25 Cft	@ Rs. 2722/50	P <sup>90</sup> % Cft	Rs. 3,733/=
2.	Cement concrete plain including placing compacting finishing and curing complete (Including screening and washing of stone aggregate without shuttering (G.S.I. No. 5 P-15). (Ratio (1:4:8)	Say 341.0 Cft	@ Rs. 11288/75	P <sup>90</sup> % Cft	Rs. 38,495/=
3.	Pucca brick work in foundation and plinth in cement sand mortar (1:6) (G.S.I. No. 4 P-20).	1354.00 Cft	@ Rs. 11948/36	P <sup>90</sup> % Cft	Rs. 161,781/=
4.	Pucca brick work other than building including striking of joint upto 20' cement sand mortar (1:4) (G.S.I. No. 7 P-21).	783.0 Cft	@ Rs. 12899/70	P % Cft	Rs. 101,005/=
5.	Making & Fixing steel grated doors complete with 1/16" thick sheeting including angle Iron frame 2" x 2" x 3/8" and 3/4" square bars 4" center to center with locking arrangement (G.S.I.No. 24 P-91).	72.0 Sft	@ Rs. 726/72	P.Sft	Rs. 52,324/=
	Cement pointing Struck joints on Walls Ratio (1:3) (G.S.I No 19 (a) P-52).	1206.0 Sft	@ Rs. 1213/58	% Sft	Rs. 14,636/=
7.	Cement Plaster (1:6) upto 12' height (G.S.I.No: 13 P-51). <u>1/2" thick</u>	2113.00 Sft	@ Rs. 2206/60	P <sup>90</sup> % Sft	Rs. 46,625/=
8.	Cement Plaster (1:4) upto 12' height (G.S.I.No: 13 P-51). <u>3/8" thick</u>	2113.0 Sft	@ Rs. 2197/52	P % Sft	Rs. 46,434/=
9.	Reinforced cement concrete work including all labour and material except the cost of binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and lining washing of shingle (a) RCC work in roof slab beams columns rills lintels and others structural members laid in situ or precast laid in position complete in all respects Ratio (1:2:4) 90 Lbs cement 2 Cft sand and 4 Cft shingle 1/8" to 1/4" gauge (G.S.I. NO.6) (a) (i) P-15).	Say 252.0 Cft	@ Rs. 337/=	P.Cft	Rs. 84,924/=
10.	Fabrication of mild steel reinforcement for cement concrete including cutting, bending laying in position making joints and fastening laying in position binding wire (also includes removal of rust form bars) (G.S.I. No.7 P-16).	10.125 Cwt	@ Rs. 5001/70	P.Cwt	Rs. 50,642/=
11.	Providing and laying HAI A pattern tiles glazed 8" x 8" x 1/4" on floor or wall facing in required pattern of STILE specification jointed in which cement and pigment over a base of 1:2 grey cement mortar 1/2" thick ie washing and filling joints with slurry of which cement and pigment in desired shape with finishing clearing and cost of wax polish etc complete i.e cutting tiles to proper profile (G.S.I. No. 62 P-47).	78.0 Sft	@ Rs. 34520/31	P <sup>90</sup> % Sft	Rs. 26,926/=
12.	White Washing one Coat (G.S.I No. 16 (a) P-58).	2113.0 Sft	@ Rs. 416/63	P % Sft	Rs. 8,803/=
13.	Distempering two coats (G.S.I.No: 24 (b) P-53).	2113.0 Sft	@ Rs. 1043/90	P <sup>90</sup> % Sft	Rs. 22,058/=
14.	Painting New Surface preparing surface and painting of door and windows any type (including edges) (3 Coats) (G.S.I. No. 5 (c) P-70).	144.00 Sft	@ Rs. 2116/41	P <sup>90</sup> % Sft	Rs. 3,048/=
<b>Total</b>					<b>Rs. 661,434/=</b>

CONTRACTOR

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(v) Repair of Open surface drain Type "C" & "B"

1. Pucca brick work in foundation and plinth in cement sand mortar (1:6). (G.S.I No: 4 P-21)

Say 2813.00 Cft @ Rs. 11948/36 P% Cft Rs. 336,107/=

2. Cement plaster (1:6) up to 12' height ½" thick. (G.S.I No: 11 (b) P-51)

5800.0 Sft @ Rs. 2283/93 P% Sft Rs. 132,468/=

3. Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle): (a) RCC work in roof slab, beams columns, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects Ratio (1:2:4) 90 lbs cement 2 Cft sand and 4 Cft shingle 1/8" to ¼" gauge. (G.S.I.No. 6 P-18).

270.00 Cft @ Rs. 337/- P.Cft Rs. 90,990/=

4. Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position, making joints & fastenings including cost of binding wire (also includes removal of rust from bars) (G.S.I. No: 7 (ii) P-20).

10.848 Cwt @ Rs. 5001/70 P.Cwt Rs. 54,258/=

**Total Rs. 613,823/-**

**CONTRACTOR**

**ASSISTANT EXECUTIVE ENGINEER**  
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