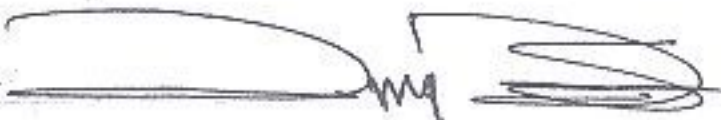
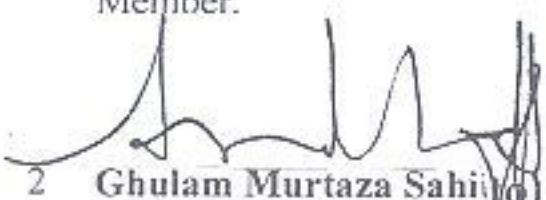



Bid Evaluation Report

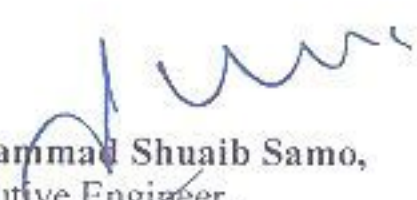
1. Name of Procuring Agency: Executive Engineer Upper Pinyari Division Hyderabad.
2. Tender Reference No: TC/G-55/1654 dated 24-12-2013 and Corrigendum No. TC/G-55/49 dated 10-01-2014.
3. Tender Description/Name of work/item: Re-construction of Head Regulator Darro Branch & Tail Regulator Darro Branch RD. 168 of P.F.L.
4. Method of Procurement: on SPPRA pattern.
5. Publication of Pre-qualification of Contractors issued by SE Pinyari Circle Notice No.TC/G-55/1787 dated 01-11-2013 appeared in daily Kawish dated 08-11-2013.
6. Total Bid documents Sold: 04 Nos.
7. Total Bids Received: 03 Nos.
8. Bid (s) Rejected: -Nil-
9. Financial Bid Opening date: 15-01-2014.
10. Bid Evaluation Report:

S. No	Name of Firm Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/rejection	Remarks
0	1	2	3	4	5	6
1	M/s RPS Construction Co.	177,905,434	1st	150,979,483	Being 1 st lowest	At 17.83% above
2	M/s. Saced Khan Construction Co.	179,226,607	2 nd	-do-	Being 2 nd lowest	At 18.70% above
3	M/s. S. Shiraz Traders.	179,446,802	3 rd	-do-	3 rd Lowest	At 18.85% Above


1 **Tariq Rasheed Shaikh,**
Executive Engineer,
Highway Division, T.M Khan.
Member.


2 **Ghulam Murtaza Sahi,**
Executive Engineer,
P.H.E.Division, Jamshori.
Member.


3 **Abdullah Bhurgari,**
Design Engineer,
Irrigation Kotri Barrage, Hyderabad.
Member.

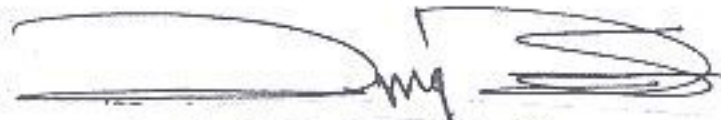

4 **Mohammad Shuaib Samo,**
Executive Engineer,
Upper Pinyari Division, Hyderabad.
Chairman.

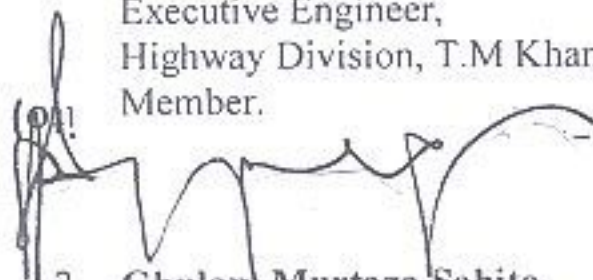

5 **Shah Nawaz Jatoi,**
Divisional Accounts Officer,
Upper Pinyari Division, Hyderabad.
Secretary/Member.

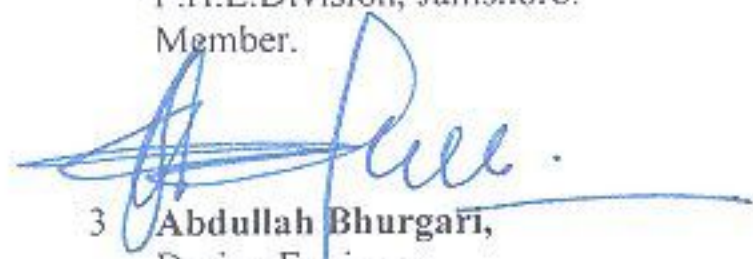
Bid Evaluation Report


1. Name of Procuring Agency: Executive Engineer Upper Pinyari Division Hyderabad.
2. Tender Reference No: TC/G-55/1654 dated 24-12-2013 and Corrigendum No. TC/G-55/49 dated 10-01-2014.
3. Tender Description/Name of work/item: Construction of Protection Wall of Town Area along Pinyari Branch RD. 0 to 06.
4. Method of Procurement: on SPPRA pattern.
5. Publication of Pre-qualification of Contractors issued by SE Pinyari Circle Notice No.TC/G-55/1787 dated 01-11-2013 appeared in daily Kawish dated 08-11-2013.
6. Total Bid documents Sold: 04 Nos.
7. Total Bids Received: 03 Nos.
8. Bid (s) Rejected: -Nil-
9. Financial Bid Opening date: 15-01-2014.
10. Bid Evaluation Report:


S. No	Name of Firm Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/rejection	Remarks
0	1	2	3	4	5	6
1	M/s. S. Shiraz Traders.	19,269,266	1 st	16,420,439	1 st Lowest	At 17.35% Above
2	M/s. Saeed Khan Construction Co.	19,542,211	2 nd	-do-	Being 2 nd lowest	At 18.46% above
3	M/s. Sehwan Enterprises.	19,610,448	3 rd	-do-	3 rd Lowest	At 19.42% Above

1 
Tariq Rasheed Shaikh,
 Executive Engineer,
 Highway Division, T.M Khan.
 Member.

2 
Ghulam Murtaza Sahito,
 Executive Engineer,
 P.H.E.Division, Jamshoro.
 Member.

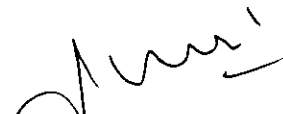
3 
Abdullah Bhurgari,
 Design Engineer,
 Irrigation Kotri Barrage, Hyderabad.
 Member.


4 
Mohammad Shuaib Samo,
 Executive Engineer,
 Upper Pinyari Division, Hyderabad.
 Chairman.

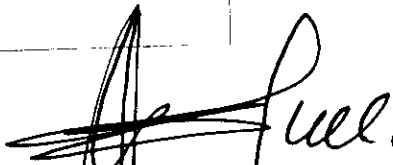
5 
Shah Nawaz Jatoti,
 Divisional Accounts Officer,
 Upper Pinyari Division, Hyderabad.
 Secretary/Member.


**LIST OF PREQUALIFIED CONTRACTORS / FIRMS IN
PINYARI CIRCLE HYDERABAD
FOR ADP SCHEMES NO. 816 & 817 FOR THE YEAR 2013-14**

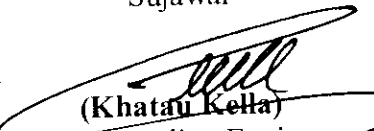
S.No	Name of Contractor / Firm
1	M/S Haji Sultan Ahmed Kato
2	M/S S. Shiraz Traders
3	M/S Sehwan Enterprises
4	M/S Nooruddin Shaikh
5	M/S Mumtaz Ali Kalhoro
6	M/S Haji Bashir Ahmed Soomro
7	M/S Anwar Hussain Memon
8	M/S Saeed Khan Construction Co
9	M/S RPS Construction Co.
10	M/S Madni Engineering Construction
11	M/S Thadani Enterprises
12	M/S SMK Construction Co
13	M/S Sher Muhammad Mugheri
14	M/S Hafiz Rabnawaz Chachar
15	M/S Haji Muhakumudin Solangi

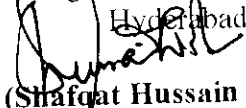

(Muhammad Shuaib Samo)
Member / Executive Engineer
Upper Pinyari Division
Hyderabad



(Nasir Shaikh)
Member / Executive Engineer
Lower Pinyari Division
Sujawal

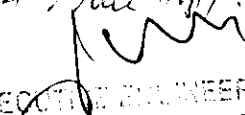

(Abdullah Bhurgri)
Secretary / Member
Design Engineer
Irrigation Kotri Barrage
Hyderabad


(Tarique Rasheed Shaikh)
Executive Engineer
Highway Division
Tando Muhammad Khan


(Khatai Kella)
Superintending Engineer
Public Health Engineering
Department Hyderabad Circle
Hyderabad


(Shafiq Hussain Wadho)
Member / Superintending Engineer
Pinyari Circle Hyderabad
Hyderabad


(Abdul Qadir Palijo)
Chairman / Superintending Engineer
Baghar Circle Hyderabad


EXECUTIVE ENGINEER
UPPER PINYARI DIVISION
HYDERABAD.

OFFICE OF THE EXECUTIVE ENGINEER UPPER PINYARI DIVISION HYDERBAD

NIB NO. TC/G-55/1654 DATED 24-12-2013 AND CORRIGENDUM NO. TC/G-55/49 DATED 10-01-2014 DATE OF OPENING AS 15-01-2014

Name of Work Re-construction of Head Regulator Darro Branch & Tail Regulator Darro Branch RD. 168 of P.F.L. 152,344,568

Reference:- Estimate sanctioned by Chief Engineer Irrigation Kotri Barrage Hyderabad No. CDM/P-1055 Dated 23-12-2013 for Rs.

NAME OF CONTRACTORS AND THEIR QUOTED RATES		
M/s RPS Construction Co.	M/s S. Shiraz Traders.	M/S Saeed Khan Construction Co.
At 47 % above	At 48.75 % above	At 48.50 % Above
1	2	3


a Schedule "B" 136,508,672


Carriage 14,470,811 ✓

Total Estimated Amount 150,979,483.0

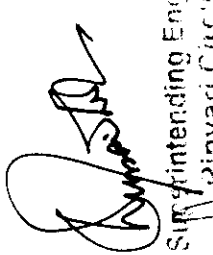
Cost of Schedule "B" Rs 136,508,672 ✓
 At 47 % Above the Cost of Schedule B Except item No. 4 & 31 of Schedule B Rs. 88,078,216 Rs 41,396,762 ✓
 Total tender Cost Rs 177,905,434 (-) 150,979,482/- 26,925,951 x 100 = 17.83% above 150,979,483


The rate quoted by M/s RPS Construction Co. is lowest competitive one among other participants hence recommended for favour of approval.

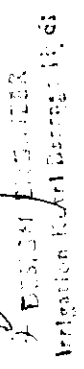

 (Shah Nawaz Jatoi)
 Divisional Accounts Officer,
 Upper Pinyari Division,
 Hyderabad.



 (Mohammad Shuaib Sami)
 Executive Engineer,
 Upper Pinyari Division,
 Hyderabad.

Recommended Approved.


 Superintendent Engineer,
 Upper Pinyari Circle,
 Hyderabad.


 Chief Engineer,
 Irrigation Kotri Barrage, Hyderabad.


 Divisional Engineer,
 Irrigation Kotri Barrage, Hyderabad.


 Superintendent Engineer,
 Upper Pinyari Division,
 Hyderabad.

OFFICE OF THE EXECUTIVE ENGINEER UPPER PINYARI DIVISION HYDERBAD

NIB NO. TC/G-55/1654 DATED 24-12-2013 AND CORRIGENDUM NO. TC/G-55/49 DATED 10-01-2014 DATE OF OPENING AS 15-01-2014

Name of Work Construction of Protection Wall of Town Area along Pinyari Branch RD. 0 to 06. 16,564,683

Reference:- Estimate sanctioned by Chief Engineer Irrigation Kotri Barrage Hyderabad No. CDM/P-1055 Dated 23-12-2013 for Rs.


Estimate Amount	NAME OF CONTRACTORS AND THEIR QUOTED RATES		
a	Schedule "B"	14,424,490	
	Carriage	1,995,949	
	Total Estimated Amount	16,420,439.0	

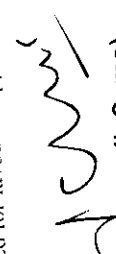
1	2	3
M/s Sehwan Enterprises. At 38 % above	M/s S. Shiraz Traders. At 35.50 % above	M/S Saeed Khan Construction Co. At 37.50 % Above

Rs 14,424,490
Rs 4,844,776
Rs 19,269,266 (-) 16,420,439/- = 2,848,827 x 100 = 17.35% above
16,420,439

Cost of Schedule "B"
At 35.50% Above the Cost of Schedule B Except Item No. 08
of Schedule B Rs. 13,647,257
Total tender Cost


The rate quoted by M/s S. Shiraz Traders is lowest competitive one among other participants hence recommended for favour of approval.



(Shah Nawaz Jatoi)
Divisional Accounts Officer,
Upper Pinyari Division,
Hyderabad.

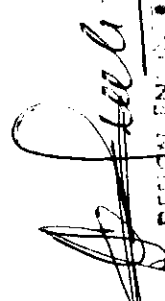

(Mohammad Shuaib Samo)
Executive Engineer,
Upper Pinyari Division,
Hyderabad.

Recommended

Approved.


Superintending Engineer,
Pinyari Circle
Hyderabad.


Chief Engineer
Irrigation Kotri Barrage,
HYDERABAD.


DESIGN ENGINEER
Irrigation Kotri Barrage Hyderabad

From: The Chief Engineer,
Irrigation Kotri Barrage,
Hyderabad.

To, The Superintending Engineer,
Pinyari Circle,
Hyderabad.


NO: CDM/P- 1055 of 2013. Hyderabad Dated: 12-12-2013.

SUBJECT: - ESTIMATES FOR SANCTION OF THE ADP SCHEMES FOR THE YEAR 2013-14 IN PINYARI CIRCLE HYDERABAD.

As recommended by you vide letter No: DB/G-148/2006 dated 19-12-2013. the following Estimates are returned herewith duly sanctioned for the amount shown against each as detailed below under the Head of Account 04-Economics Affairs (Capital)-042-Agri, Food, Irrigation. Forestry & Fishing-0422-Irrigation-042203-Canal (ADP Schemes) subject to availability of funds & observing all codal formalities i.e. approval of Market Rates from Competent Authority accordingly.

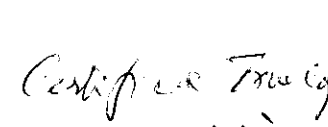
Sr. No:	Name of work.	Amount.
01	Estimate for Reconstruction of Head Regulator Darro Branch and Tail Regulator RD 168 PFL Scheme No: 817.	Rs. 15,23,44,568/-
2	Estimate for Construction Protection Wall Town Area along Pinyari Branch RD 0 to 6 Scheme No: 817.	Rs. 1,65,64,683/-


D.....A.
As above


(Salman Memon)
Chief Engineer
Irrigation Kotri Barrage
Hyderabad

Copy forwarded to the Accountant General Sindh Karachi for information.

Copy alongwith the copies of above named sanctioned Estimates as detailed above forwarded to the, Executive Engineer, Upper Pinyari Division @ Hyderabad for information and further necessary action.


(Salman Memon)
Chief Engineer
Irrigation Kotri Barrage
Hyderabad


UPPER PINYARI DIVISION
HYDERABAD

FUND HEAD :- Provincial

MAJOR HEAD :- SC-12053 (053)Irrigation Capital

MINOR HEAD :- A-0422-A-042203 Canal Irrigation

SERVICE HEAD :- 0442-Irrigation-042203-Canal ADP

**DEPTT: HEAD :- ESTIMATE FOR RECONSTRUCTION OF HEAD REGULATOR DARRO
BRANCH AND TAIL REGULATOR RD 168 OF PFL.**

This estimate framed in the office of the Executive Engineer Upper Pinyari
Division Hyderabad for the prabale expenditure will be incurred on the above Departmental Head.

Amount Rs:- 152.345 Millions

GENERAL DESCRIPTION

This estimate provides for Reconstruction of Head Regulator Darro Branch
and tail Regulator at RD 168 of PFL

The PC-I of above Scheme has been cleared by the technical committee in their meeting
held on 12-11-2013 at the cost of Rs. 198.995 million as such the working estimate has been prepared
and submitted for favour of sanctioned by the completed authority.

**ESTIMATE FOR RECONSTRUCTION OF HEAD REGULATOR DARRO BARANCH
AND TAIL REGULATOR RD.168 PFL**

Abstract Sheet

Quantity	item	Rate	Per	Amount
<u>DIVERSION CHANNEL</u>				
160480 Cft.	1. Earth work excavation in irrigation channel dreaains etc dressed to designed section grades and profiles excavated material dispossed off and dressed within 50 ft 50 ft lead (a) Ordianry Soil. [S.Item No.5(a) P.No.01]	2420.00	%o Cft.	388,361.60
2411180 Cft.	2. Borrowpit excavation undressed lead Upto 100 ft (a) Ordinary soil. (a) Ordinary Soil. [S.Item No.3(a) P.No.1]	2117.50	%o Cft.	5,105,673.65
2000700 Cft.	3. Rehandling of earth work. (b) Upto lead of 50 ft. [S.Item No.9(b) P.No.2]	1058.75	%o Cft.	2,118,241.13
2250700 Cft.	4. Carriage of 100 Cft/5 ton of all materail like stone aggregate, spawal, coal lime surkhi etc. B.G.Rail fastening joints and crossing bridges girders pipe sheet rail MS bars etc or 1000 Nos bricks 10"x3"x3" or 1000 Nos tiles 12"x6"x2" or 150 cft timber or 1000 Nos maund or fuel wood by trolly or any other means owned by contractors 4 Miles [S.Item No.1, P.No.1 Sch. Carriage]	649.86	% Cft	14,626,399.02
411180 Cft.	5. Earth work compaction (Soft,ordinary or hard soil. (b) Laying earth in 6 " Layers levelling and dressing complete. [S.Item No.13(b) P.No.4]	354.00	% Cft	853,557.72
10000 Sft.	6. Constructing groyne single upto 5 ft. height average lead one mile [S.Item No.24 P.No.82]	1756.15	% Sft	175,615.00
				<hr/> 23,267,848.12

Quantity	item	Rate	Per	Amount
				23,267,848.12
60000 Sft.	7. Constructing groynes double upto 10 ft. height average lead one mile [S.Item No.25 P.No.82]	2663.65	% Sft	1,598,190.00
84600 Bags	8. (a) Supplying and filling new jute bags 4 to 5 cft Capacity with sand or earth sewing and stacking in dry [S.Item No.3(a) P.No.79]	184.31	Each	15,592,626.00
1274.00 Cft.	9. Dismantling cement concrete reinforced separating reinforcement from concrete cleaning and strngthening the same [S.Item No.20 P.No.10]	5445.00	% Cft	69,369.30
56029.00 Cft.	10. Dismntling brick work in lime or cemdnt mortar. [S.Item No.13 P.No.10]	1285.63	% Cft	720,325.63
47625.00 Cft.	11. Excavation in foundtaion of building bridges and other structure i/c dag-belling dressing, refilling around strucre with excavated earth watering and ramming lead upto one chain and lift upto 5 feet. (b) Ordinary Soil. [S.Item No.18(b) P.No.04]	3176.25	%o Cft.	151,268.91
14287.50 Cft.	12. Extra for slush or daldal i/c dewatwring [S.Item No.16. P.No.04]	2420.00	%o Cft.	34,575.75
36122.00 Cft.	13. Cement concrete plain i/c placing, comp- acting, finishing and curing complete (i/c screening and washing of stone aggregate without shuttering). (f) Ratio 1:3:6	12595.00	% Cft	4,549,565.90
1743.75 Cft.	(h) Ratio 1:2:4 [S.Item No.5(f)(h) P.No.16]	14429.25	% Cft	251,610.05
8250.00 Cft.	14. Pacca brick work foundation and plinth. in: (i) (d) Cement sand mortar 1:5 [S.Item No.4(i)(d), P.No.20-21]	12176.08	% Cft	1,004,526.60
				<u>47,239,906.26</u>

Quantity	item	Rate	Per	Amount
				47,239,906.26
48435.64 Cft.	15. Pacca brick work other than building. i/c striking of joints upto 20' height in: (i) (d) Cement sand mortar 1:5 [S.Item No.7(i)(d), P.No.22]	12574.38	% Cft	6,090,481.06
1560.45 Cwt	16. (a) Fabrication of mild stell reinforcement for cement concrete i/c cutting, bending, laying in position making joints and fastenings i/c cost of binding wire (also includes removal of rust from bars) [S.Item No.8(a), P.No.17]	4820.20	P.Cwt	7,521,651.09
41988.07 Cft	17. Reinforced cement concrete work i/c all labour and material except the cost of steel reinforcement and its labour for bending and bninding which will paid separately. The rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (i/c screening and washing of shingle). (a) R.C.C.work in roof slab beams columns rafts lintels and other structural members laid in situ or precast laid in position completed in all respects. (i) Ratio (1:2:4) 90lbs cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge. [S.Item No.6(a)(i), P.No.16-17]	337.00	P.Cft	14,149,979.59
1641.00 Sft.	18. Erection and removal of centering for RCC or plain cement concrete owrks of deodar wood (2nd class). (a) (i) Horizontal [S.Item No.19(a)(i) P.No.18]	7693.13	% Sft	203,175.56
14852.72 Sft.	19. Cement Plaster 1:2 20' height (c) 3/4" thick [S.Item No.9(c) P.No.52]	3056.62	% Sft.	453,991.21
				<u>75,659,185.77</u>

Quantity	item	Rate	Per	Amount
				75,659,184.77
	20. FOUNDATION AND PLINTH			
1734.00 Cft.	Coursed Rubble masonry i/c hammer dressing (d) In cement sand mortar (iii) Ratio 1:6 [S.Item No.2(d)(iii), P.No.27]	25321.00	% Cft	439,066.14
	21. SUPER STRUCTURE.			
4193.71 Cft.	Coursed Rubble masonry hammer dressed. (d) In cement sand mortar (iii) Ratio 1:6 [S.Item No.4(d)(iii), P.No.28]	26288.46	% Cft	1,102,461.78
16000.00 Cft.	22. Stone filling dry hand packed as filling behind walls or in pitching and apron. [S.Item No.16, P.No.31]	2684.00	% Cft	429,440.00
30110.00 Sft.	23. Formation dressing and preparing sub-grade (a) slope [S.Item No.1(b) P.No.74]	453.75	% Sft	136,624.13
60220.00 Cft.	24. Stone Pitching i/c sub-base wirth hammer dressed stone on surface laid in courses i/c carriage of material within 3 chains [S.Item No.23 P.No.32]	5377.63	% Cft	3,238,408.79
336875.00 Cft.	25. Supply stone boulders (9" to 12") [S.Item No.60 P.No.04 Sch: of Material]	1400.00	% Cft.	4,716,250.00
36875.00 Cft.	26. Supplying within 5 chains. (a) Boulders 9" and above [S.Item No.10(a) P.No.81]	1095.00	% Cft.	3,688,781.25
336875.00 Cft.	27. Dumping stone by boat i/c loading into boat lead within 3 chains. [S.Item No.19 P.No.81]	1210.00	% Cft.	4,076,187.50
336875.00 Cft.	28. Extra for anchoring boat. [S.Item No.20 P.No.81]	60.50	% Cft.	203,809.38
				<u>93,690,214.74</u>

Quantity	item	Rate	Per	Amount
3600 Days	29. Full hire charges of Pumping set per day inclusive wage of driver and Assiustant fuel or electric energy plate forms required for placing pumps etc at lower depth with suction and delivery pipes for pumping out water found at various depths from trenches i/c the cost of errection and dismantling after completion of the job (iv) Hire charges of pumping set upto 10 H.P. (but not less than 5 H.P.) pumping out water from 10 ft deep trench. [S.I.No.23(iv), P.No.76-77 PHEW Vol:III]	1000.00	P.Day	3,600,000.00
28800 Hours	30. For pumping set of upto 10 HP but not less 5 HP (Beyond 8 hours) [S.Item No.23(ii), P.No.77 PHEW Vol:III]	188.00	P.Hour	5,414,400.00
1156.96 Sft.	31. Providing and Supplying fabrication of vertical gates of required size i/c GSF of MS Plate 3/8" thick MS channel nuts Bolts gear handle i/c weilding cutting and erction in poistion in the channel i/c Painting and greasing etc complete at site all respect (7 Nos Gates)	29218.00	P.Sft	33,804,057.28
Total				136,508,671.02
Add Cartage Of Material				14,470,810.52
Sub Total				150,979,481.54
Add 1% Contingency				1,365,086.71
G.Total Rs.				152,344,568.25

Recommended for Rs. 152,344,568.25

[Signature]
 Assistant Executive Engineer
 Darro Sub-Division

[Signature]
 Executive Engineer
 Upper Pinyari Division
 Hyderabad

CHECKED AMOUNT Rs: 152,344,568.25

Recommended for Rs. 152,344,568.25

[Signature]
 CHIEF DRAFTSMAN
 Irrigation Kotri Barrage
 Region Hyderabad.

[Signature]
 Superintending Engineer
 Pinyari Circle
 Hyderabad.

Handwritten note: Rs. 152,344,568.25
 (Rupees Fifteen Crore twenty three Lacs Forty Four thousand Five hundred and Sixty Eight only.)

[Signature]
 CHIEF ENGINEER
 Irrigation Kotri Barrage Hyd

[Signature]
 UPPER PINYARI DIVISION
 HYDERABAD.

**ESTIMATE FOR RECONSTRUCTION OF HEAD REGULATOR DARRO BARANCH
AND TAIL REGULATOR RD.168 PFL**

Measuremnt Sheet

S.No	Item of work	No	L	B	D	Quantity
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DIVERSION CHANNEL

1. Earth work excavation in irrigaion channels, drains etc, drssed to designed

Two cut Head and Tail for div:
channel $2 \times 136.0 \times 20.0 + 60.0 \times 14.75 =$ **160480 Cft.**
2

2. Borrowpit excavation undressed lead upto 100 ft.

(i) Diversion channel banks $1 \times 2 \times 1000 \times \frac{15+75}{2} \times 18.00 =$ 1620000 Cft.

(ii) Ghanda Providing & Removing $\frac{1 \times 4 \times 136 + 99 \times 15.0 + 75.0}{2} \times 18.0 =$ 380700 Cft.

(iii) Behind F/Walls $1 \times 2 \times 250 \times 20.00 \times \frac{5.00+18.00}{2} =$ 115000 Cft.

(iv) Behind Stone Pitching $1 \times 2 \times 500 \times \frac{12.0+15}{2} \times \frac{5.0+15.0}{2} =$ 135000 Cft.

(v) Fill the gap of cut Qty same as Item No.1 above. **160480 Cft.**
Total Quantity **2411180 Cft.**

3. Rehandling of earth work.

(b) Upto lead of 50 ft. Quantity same as item No.2(i) and (ii). **2000700 Cft.**

4. Carriage of earth.

Quantity same as item No.2 except (v). **2250700 Cft.**

5. Earth work compaction (Soft,ordinary hard) Laying earth in 6" Layers.

Quantity same as item No.2 **2411180 Cft.**

6. Constructing Groyance Single upto 5' height average lead nule 1 mile

Diversion channel $1 \times 2 \times 1000 \times 5.00 =$ **10000 Sft.**

S.No	Item of work	No	L	B	D	Quantity
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7. Constructing Groyance Double upto 10' height average lead mile 1 mile

Diversion channel $1 \times 2 \times 100 \times 30.00 \times 10.00 =$ 60000 Sft.

8. (a) Supplying and filling new jute bags 4 to 5 cft Capacity with sand or earth

Diversion channel Ghandah 380700 4.5 84600 Bags

9. Dismantling cement concrete reinforced separating reinforcement from concrete

Old Slab $1 \times 104.0 \times 13.00 \times 0.75 =$ 1014.00 Cft.
 Parapit wall $1 \times 2 \times 104.0 \times 2.5 \times 0.50 =$ 260.00 Cft.
Total Quantity 1274.00 Cft.

10. Dismntling brick work in lime or cement mortar.

Pillers $1 \times 6 \times 22.0 \times 2.50 \times 16.80 =$ 5544.00 Cft.
 Gate Pillers $1 \times 8 \times 2.50 \times 5.00 \times 10.00 =$ 1000.00 Cft.
 F/Walls D/S $1 \times 2 \times 95.0 \times 2.50 \times 18.00 =$ 8550.00 Cft.
 R/W D/S $1 \times 2 \times 30.0 \times 2.00 \times 18.00 =$ 2160.00 Cft.
 Pavement U/S & D/S $2 \times 110.0 \times \frac{99.0+136}{2} \times 1.5 =$ 38775 Cft.
Total Quantity 56029.00 Cft.

11. Excavation in foundation of buildings. bridges and other structure i/c dag:

Stone Pitching
 C/Forts at end. $(2 \times 5) \times 35.0 \times \frac{6.0}{2} + 9.0 \times \frac{6.0+24.0}{2} =$ 39375 Cft.
 at every 100' interval
 Toe wall $1 \times 2 \times 500 \times 3.00 \times 2.75 =$ 8250 Cft.
Total Quantity 47625.00 Cft.

12. Extra for slush or daldal i/c dewatering.

30% Qty of Below Qty of BL
 of Item. 10 $47625 \times 30/100$ 14287.50 Cft.

S.No	Item of work	No	L	B	D	Quantity
13.	Cement concrete plain i/c placing compacting finishing and curing					
	(a) 1:3:6					
	Pavements	2 x 110.0 x	$\frac{99.0+136}{2} \times 1.0 =$			25850 Cft.
	F/Walls extension	2 x 150.0 x 13.00 x 2.00	=			7800 Cft.
	Stone Pitching C/Forts	2x5 x 30.90 x 4.00 x 2.00	=			2472.00 Cft.
						36122.00 Cft.
	(b) 1:2:4					
	Couping F/Walls	1x2 x 250.0 x 2.0 x 0.50	=			500.00 Cft.
	Couping R/Walls	1x2 x 30.0 x 2.0 x 0.50	=			60.00 Cft.
	U/S F/walls	1 x 100 x 1.50 x 0.50	=			75.00 Cft.
		1 x 130 x 1.50 x 0.50	=			97.50 Cft.
	Stone Pitching Stone Pitching couping C/Forts side couping	2 x 500 x 2.00 x 0.50	=			1000.00 Cft.
		10 x 1.5 x 1.50 x 0.50	=			11.25 Cft.
	Total Quantity					1743.75 Cft.
14.	Pacca brick work in foundation and Plinth in 1:5					
	F/walls extension	2 x 150.0 x 11.0 x 1.0	=			3300.00 Cft.
		2 x 150.0 x 9.00 x 1.0	=			2700.00 Cft.
		2 x 150.0 x 7.50 x 1.0	=			2250.00 Cft.
	Total Quantity					8250.00 Cft.
15.	Pacca brick work other than building i/c stricking of joints upto 20 ft hight					
	Abutments	1x2 x 22.0x	$\frac{7.5+2.5}{2} \times 16.43 =$			3614.60 Cft.
	F/Walls	1x2 x 250.0x	$\frac{6.0+2.5}{2} \times 16.43 =$			34913.75 Cft.
	R/Walls	1x2 x 30.0x	$\frac{6.0+2.5}{2} \times 16.43 =$			4189.65 Cft.
	Pillers	1x6 x 22.0 x 2.50 x 16.43	=			5421.9 Cft.
	Nose	1 x 6 x 2 x	$\frac{3.0+0}{2} \times 16.43 =$			295.74 Cft.
	Total Quantity					48435.64 Cft.

S.No	Item of work	No	L	B D	Quantity
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16. Fabrication of mild steel reinforcement
for cement i/c cutting bending laying in
poosition.

Bed Plate					
8#6+8#5		8 x 12 x 22.00 x 1.502/112 =			28.32 Cwt
		8 x 12 x 22.00 x 1.043/112 =			19.67 Cwt
Rings 18" x 9"					
# 3@ 4" c/c		8 x 81 x 5.00 x 0.375/112 =			10.85 Cwt
Slab					
MB # 5 @ 5" c/c		8 x 48 x 20.00 x 1.043/112 =			71.52 Cwt
DB # 4 @ 9" c/c		8 x 30 x 32.00 x 0.667/112 =			45.74 Cwt
Parapit					
MB # 5 @ 6" c/c		2 x 2 x 209 x 3.00 x 1.043/112 =			23.36 Cwt
DB # 4 @ 9" c/c		2 x 2 x 7 x 104.0 x 0.667/112 =			17.34 Cwt
Pavements					
# 5 @ 5" c/c		2 x 263 x 118 x 1.502/112 =			832.38 Cwt
Bothway		1 x 333 x 110 x 1.502/112 =			491.23 Cwt
Wheelguard					
4#5		1 x 4 x 104 x 1.043/112 =			3.87 Cwt
Rings 9" x 9"					
# 3@ 65" c/c		1 x 209 x 3.25 x 0.375/112 =			2.27 Cwt
Crest					
		1 x 7 x 8 x 24.00 x 0.375/112 =			12.52 Cwt
DB # 4 @ 9" c/c		1 x 7 x 33.0 x 0.667/112 =			1.38 Cwt

Total Quantity

1560.45 Cwt

17. Reinforced cement concrete work i/c all
labour and material except the cost

Bed Plate		1x8 x 2.50 x 20.0 x 1.50 =			600 Cft.
Slab		1 x 104.0 x 20.0 x 1.00 =			2080 Cft.
Parapit walls		1x2 x 104.0 x 2.50 x 0.50 =			260 Cft.
Pavements		2 x 110.0 x $\frac{99.0+136}{2}$ x 1.50 =			38775 Cft.
Wheel Guard		1 x 104.0 x 1.00 x 1.00 =			104 Cft.
Crest Plate		1x6 x 23.88 x $\frac{0+2.36}{2}$ =			169.07 Cft.
Total Quantity					41988.07 Cft.

S.No	Item of work	No	L	B	D	Quantity
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18. Erection and removal of shettering for
RCC or plain Cement concrete

Stone Pitching

F/Walls extension	2 x 2 x 150 x 2.0	=				1200.00 Sft.
C/Forts	10 x 2 x 30.90 x 2.00	=				1236.00 Sft.
C/Forts Face	10 x 2 x 4.00 x 2.00	=				160.00 Sft.
C/Forts top sides	10 x 2 x 1.50 x 1.50	=				45.00 Sft.
Total Quantity						2641.00 Sft.

19. Cement Plaster upto 20' height 3/4"
thick

Abutments	1x2 x 22.0 x 16.43	=				722.92 Sft
F/Walls	1x2 x 250.0 x 16.43	=				8215.00 Sft
R/Walls	1x2 x 30.0 x 16.43	=				985.80 Sft
Pillers	1x2x6 x 22.0 x 16.43	=				4337.52 Sft
Nose	1x2x2x 6 x 1.50 x 16.43	=				591.48 Sft
Total Quantity						14852.72 Sft

20. Coursed Rubble masonry in foundation
i/c hammer dressing cement sand mortar

C/Forts	10 x 28.90 x 3.00 x 2.00	=				1734.00 Cft.
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21. Coursed Rubble masonry in super
structure hammer dressed cement sand

C/Forts	10 x 2.00 x $\frac{23.4+3.5}{2}$ x 15.59	=				4193.71 Cft.
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22. Stone filling dry hand packed as filling
behind retaining walls or pitching and

Toe wall	2 x 500 x 4.00 x 4.00	=				16000 Cft.
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23. Formation and dressing and preparing
sub-grade

Stone Pitching	2 x 500 x 30.11	=				30110 Sft.
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24. Stone Pitching i/c sub-base with hammer

Stone Pitching	2 x 500 x 32.11 x 2.00	=				60220 Cft.
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S.No	Item of work	No	L	B	D	Quantity
25.	Supply Stone Boulders 9" and above. Bed Apron					Qty as per calculation sheet 336875 Cft.
26.	Supplying within 5 chains (a) Boulders 9" and above.					Quantity same as item No.25 336875 Cft
27.	Dumping stone by boat i/c loading into boat lead within 3 chains.					Quantity same as item No.25 336875 Cft.
28.	Extra for anchoring boat.					Quantity same as item No.25 336875 Cft.
29.	Full hire charges of pumping set per day inclusives wages of driver and assistant.					
		1 x 30 x 120		=		3600 Days
30.	For a Pumping set about 10 HP but not less than 5 HP					
		1 x 30 x 8 x 120		=		28800 Hours
31.	Providing and supplyinf fabrications of verticals gates of required size					
		1 x 7 x 10.33 x 16.00		=		1156.96 Sft.



 Assistant Executive Engineer
 Darro Sub-Division

CARTAGE STATEMENT

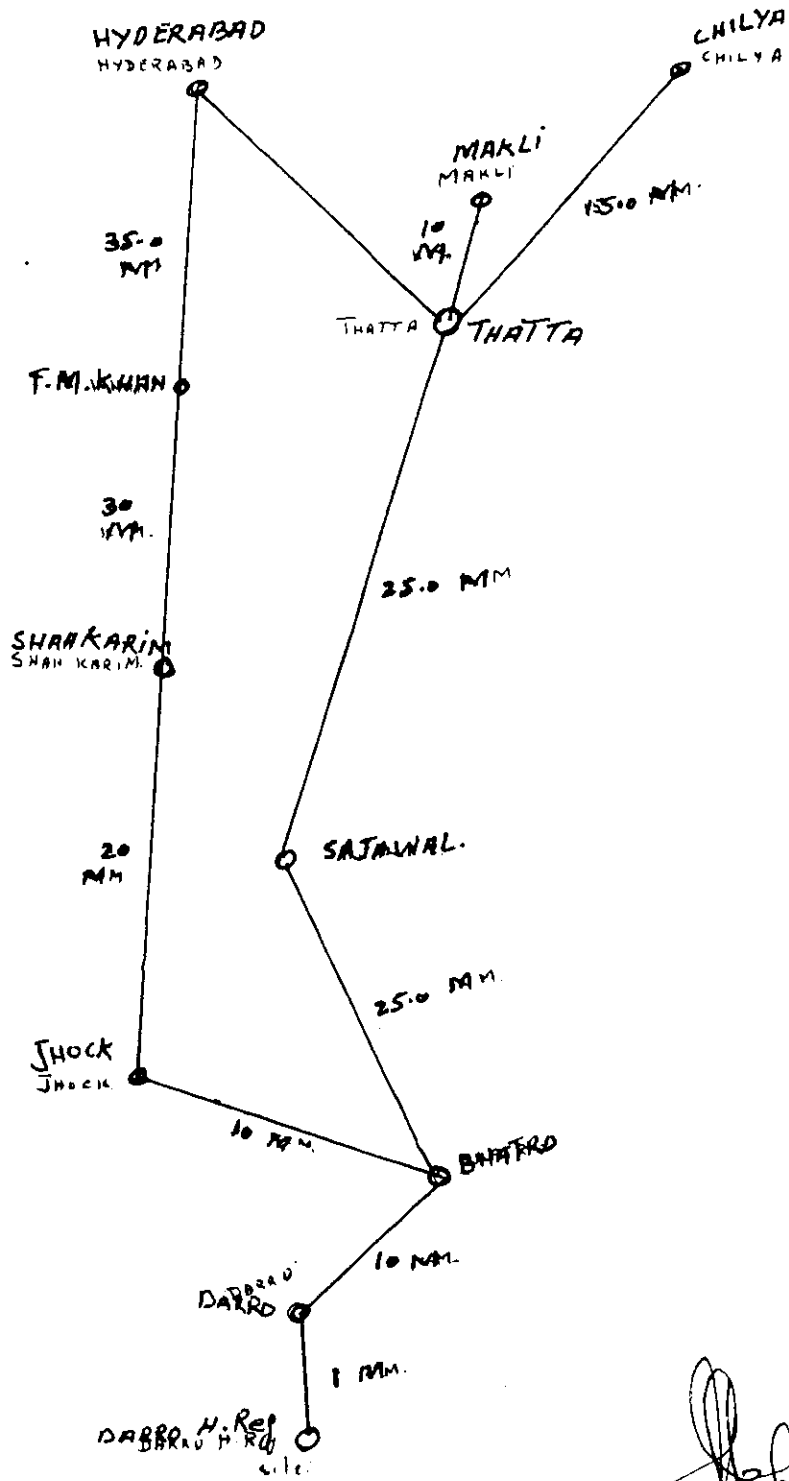
ESTIMATE FOR RECONSTRUCTION OF HEAD REGULATOR DARRO BRANCH AND TAIL REGULATOR RD 168 PFL.

S.No	Item	Quantity	Cement	Sand	Aggre	Bajri	Bricks	Steel	Stone
1	Cement concrete plain Ratio 1:3:6.	36122.00 Cft.	4695.86	16616.12	33232.24				
2	Cement concrete plain Ratio 1:2:4.	1743.75 Cft.	306.90	767.25	1534.50				
3	Bricks Masonary 1:5 Foundation + Super structure	56685.64 Cft.	2267.43	14171.41		765256.14			
4	Fabrication steel	1560.45 Cwt.					1560.45		
5	RCC 1:2:4.	41988.07 Cft.	8019.72	18474.75		36949.50			
6	Cement Plaster 3/4" thick	14852.72 Sft.	285.17	742.64					
7	Coursed Rubble Masonary Found: + Super structure	5927.71 Cft.	270.90	2027.28					5927.71
8	Stone Filling dry hand packed	16000.00 Cft.							21600.00
9	Supply stone boulders	336875.00 Cft.							336875.00
10	Stone Pitching Sub-Base	60220.00 Cft.							36132.00
Total			15845.98	52799.43	48287.24	53539.00	765256.14	1560.45	400534.71

Source	Thatta	Ghagar	Makli	Makli	Makli	Local	Hyderabad	Chillya
Lead In Miles	45	76	54	54	54	10	81	54
Rate in Rs.	33.33	3051.16	2334.84	2334.84	2334.84	721.74	3213.96	2334.84
Total	528146.39	1610995.10	1127429.79	1250049.98	552315.97	50028.66	9351844.62	
G.Total	14,470,810.52							

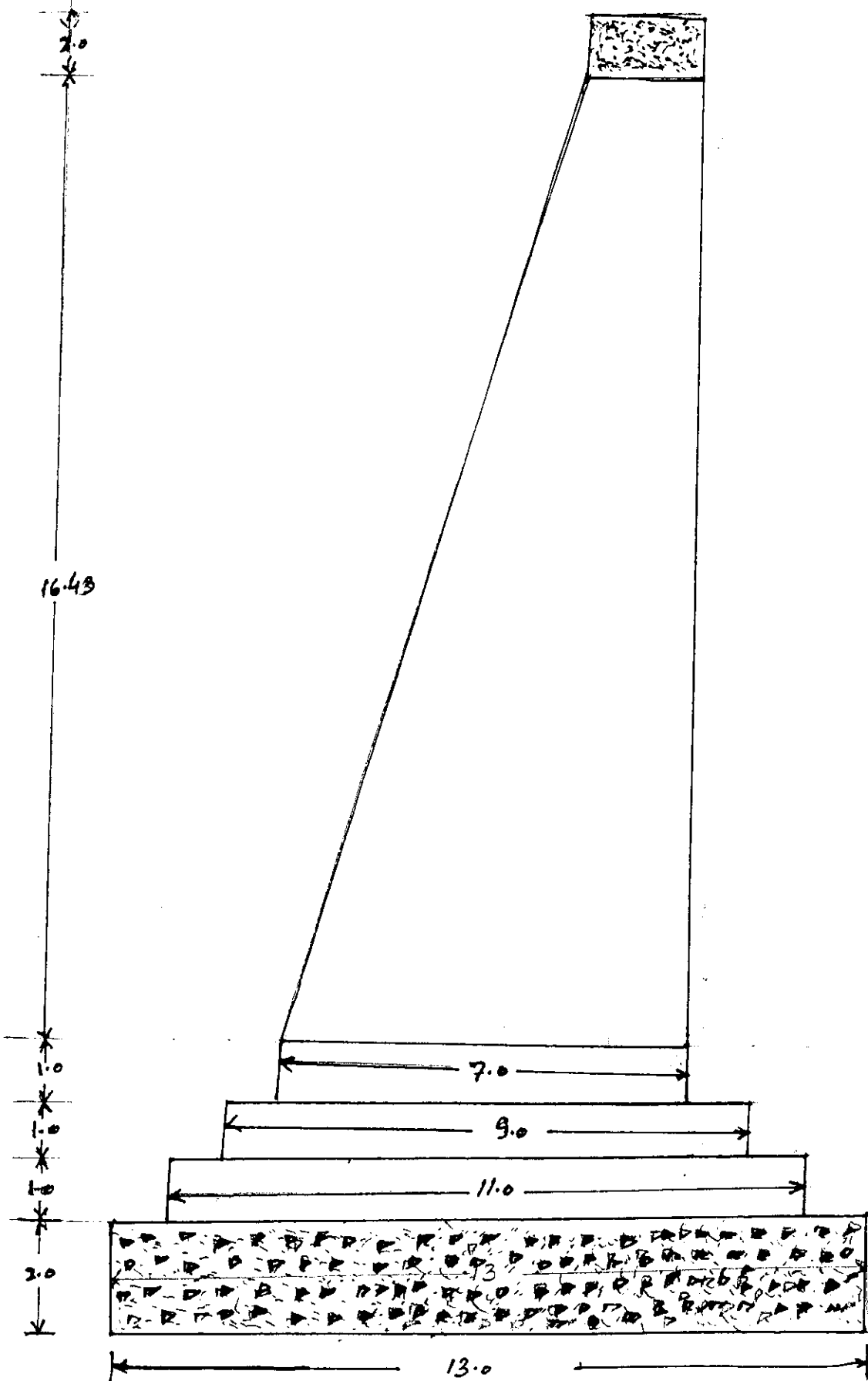

 Assistant Executive Engineer
 Darro Sub-Division

LEAD CHART OF MATERIAL




ASSISTANT EXECUTIVE ENGINEER
DERRIS SUB-DIVISION

SECTION OF FLANK WALL.



Assistant Engr. Engineer
Dennis Sub-division

From: The Chief Engineer,
Irrigation Kotri Barrage,
Hyderabad.

To,
The Superintending Engineer,
Pinyari Circle,
Hyderabad.

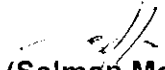
NO: CDM/P- 1055 of 2013. Hyderabad Dated: 123/12/2013.

SUBJECT: - ESTIMATES FOR SANCTION OF THE ADP SCHEMES FOR THE YEAR 2013-14 IN PINYARI CIRCLE HYDERABAD.

As recommended by you vide letter No: DB/G-148/2006 dated 19-12-2013. the following Estimates are returned herewith duly sanctioned for the amount shown against each as detailed below under the Head of Account 04-Economics Affairs (Capital)-042-Agri, Food, Irrigation. Forestry & Fishing-0422-Irrigation-042203-Canal (ADP Schemes) subject to availability of funds & observing all codal formalities i.e. **approval of Market Rates from Competent Authority accordingly.**


Sr. No:	Name of work.	Amount.
01	Estimate for Reconstruction of Head Regulator Darro Branch and Tail Regulator RD 168 PFL Scheme No: 817.	Rs. 15,23,44,568/-
2	Estimate for Construction Protection Wall Town Area along Pinyari Branch RD 0 to 6 Scheme No: 817.	Rs. 1,64,48,279/-

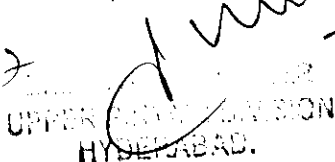
D.....A.
As above


(Salman Memon)
Chief Engineer
Irrigation Kotri Barrage
Hyderabad

Copy forwarded to the Accountant General Sindh Karachi for information.

Copy alongwith the copies of above named sanctioned Estimates as detailed above forwarded to the, Executive Engineer, Upper Pinyari Division @ Hyderabad for information and further necessary action.


(Salman Memon)
Chief Engineer
Irrigation Kotri Barrage
Hyderabad


UPPER PINYARI DIVISION
HYDERABAD.

FUND HEAD :- Provincial

MAJOR HEAD :- SC-12053 (053)Irrigation Capital

MINOR HEAD :- A-0422-A-042203 Canal Irrigation

SERVCE HEAD :- 0442-Irrigation-042203-Canal ADP

**DEPTT: HEAD :- ESTIMATE FOR CONSTRUCTING PROTECTION WALL TOWN AREA
ALONG PINYARI BRANCH RD. 0 TO 06.**

This estimate framed in the office of the Executive Engineer Upper Pinyari
Division Hyderabad for the prabale expenditure will be incurred on the above Departmental Head.

Amount Rs:- 16.564 Millions

GENERAL DESCRIPTION

This estimate provides for Reconstructing protection wall town area along Pinyari
Branch RD 0 to 06.

The PC-1 of above Scheme has been clerared by the techincial committee in there meeting
held on 12-11-2013 at the cost of Rs. 198.995 million as such the working estimate has been prepared
and submitted for favour of sanctioned by the completed authority.

**ESTIMATE FOR CONSTRUCTION PROTECTION WALL AND PROTECTION WALL TOWN AREA
ALONG PINYARI BRANCH RD. 0 TO 6.**

Abstract Sheet

Quantity	item	Rate	Per	Amount
43200.00 Cft.	1. Excavation in foundtaion of buildings bridges and other structure i/c dag-belling dressing, refilling around structure with excavated earth watering and ramming lead upto one chain and lift upto 5 feet. (b) Ordinary Soil. [S.Item No.18(b) P.No.04]	3176.25	%o Cft.	137,214.00
10800.00 Cft.	2. Cement concrete plain i/c placing, comp- acting, finishing and curing complete (i/c screening and washing of stone aggregate without shuttering). (f) Ratio 1:3:6	12595.00	% Cft	1,360,260.00
600.00 Cft.	(h) Ratio 1:2:4 [S.Item No.5(f)(h) P.No.16]	14429.25	% Cft	86,575.50
14400.00 Cft.	3. FOUNDATION AND PLINTH Coursed Rubble masonry i/c hammer dressing (d) In cement sand mortar (iii) Ratio 1:6 [S.Item No.2(d)(iii), P.No.27]	25321.00	% Cft	3,646,224.00
28800.00 Cft.	4. SUPER STRUCTURE. Coursed Rubble masonry hammer dressED. (d) In cement sand mortar (iii) Ratio 1:6 [S.Item No.4(d)(iii), P.No.28]	26288.46	% Cft	7,571,076.48
2400.00 Sft.	5. Erection and removal of centering for RCC or plain cement concrete owrks of deodar wood (2nd class). (a) (i) Horizontal [S.Item No.19(a)(i) P.No.18]	7693.13	% Sft	184,635.12
20800.00 Sft.	6. Pointing flush on stone work. (c) on stone work raised (ii) In cement mortar 1:3 [S.Item No.20(c)(ii) P.No.53]	1758.08	% Sft	365,680.64
				13,351,665.74

Quantity	item	Rate	Per	Amount
119600.00 Cft.	7. Borrowpit excavation undressed lead Upto 100 ft (a) Ordinary soil. (a) Ordinary Soil. [S.Item No.3(a) P.No.1]	2117.50	%o Cft.	13,351,665.74 253,253.00
119600.00 Cft.	8. Carriage of 100 Cft/5 ton of all materail like stone aggregate, spawal, coal lime surkhi etc. B.G.Rail fastening joints and crossing bridges girders pipe sheet rail MS bars etc or 1000 Nos bricks 10"x3"x3" or 1000 Nos tiles 12"x6"x2" or 150 cft timber or 1000 Nos maund or fuel wood by trolley or any other means owned by contractors 4 Miles [S.Item No.1, P.No.1 Sch. Carriage]	649.86	% Cft	777,232.56
119600.00 Cft.	9. Earth work compaction (Soft,ordinary or hard soil. (b) Laying earth in 6 " Layers levelling and dressing complete. [S.Item No.13(b) P.No.3]	354.00	%o Cft	42,338.40

Total Rs.	14,424,489.70
Add Cartage of Material	1,995,948.73
Sub Total	16,420,438.43
Add 1% Contingency	144,244.90
G.Total Rs	16,564,683.33

[Signature]
 Assistant Executive Engineer
 Darro Sub-Division

Recommend for Rs: 16,564,683/2

[Signature]
 CHIEF ENGINEER
 UPPER DIVISION
 HYDERABAD

Recommended for Rs 16,564,683

CHECKED AMOUNT Rs: 16,564,683/2

[Signature]
 CHIEF DRAFTSMAN
 Irrigation Kotri Barrage
 Region Hyderabad.

[Signature]
 Superintending Engineer
 Pinyari Circle
 Hyderabad.

Sanctioned for Rs 16,564,683/2
 (Revised one concrete party five sand party four thousand six hundred and eighty three only.)

[Signature]
 CHIEF ENGINEER
 UPPER DIVISION
 HYDERABAD

[Signature]
 CHIEF ENGINEER
 UPPER DIVISION
 HYDERABAD

**ESTIMATE FOR CONSTRUCTION PROTECTION WALL AND PROTECTION WALL TOWN AREA
ALONG PINYARI BRANCH RD. 0 TO 6.**

Measuremnt Sheet

S.No	Item of work	No	L	B	D	Quantity
1	Excavation in foundation of buildings. bridges and other structure i/c dag:					
	Foundation of Protection wall					
		1 x	800 x 12.00 x	4.50	=	43200.00 Cft.
2.	Cement concrete plain i/c placing compacting finishing and curing.					
	(a) 1:3:6					
		1 x	800 x 9.00 x	1.50	=	10800.00 Cft.
	(b) 1:2:4					
	Protection wall coupling	1 x	800 x 1.50 x	0.5	=	600.00 Cft.
3.	Coursed Rubble masonry in foundation i/c hammer dressing cement sand mortar					
	Foundation Protection wall	1 x	800 x 7.50 x	1.00	=	6000 Cft.
	2nd Step	1 x	800 x 6.00 x	1.00	=	4800 Cft.
	3rd Step	1 x	800 x 4.50 x	1.00	=	3600 Cft.
	Total Quantity					14400.00 Cft.
4.	Coursed Rubble masonry in super structure hammer dressed cement sand					
	Protection wall	1 x	800 x $\frac{1.50 + 4.50}{2}$ x	12.00	=	28800.00 Cft.
	Erection and removal or centering for RCC or plain cement concrete works					
	Foundation Protection wall	1 x	2 x 800 x	1.00	=	1600.00 Sft.
	Stone Protection wall coupinmg	1 x	2 x 800 x	0.50	=	800.00 Sft.
						2400.00 Sft.
6.	Pointing flush on stone work raised in cement sand mortar					
	Stone Protection wall	1 x	800 x 26.00	=		20800.00 Sft.

S.No	Item of work	No	L	B	D	Quantity
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7. Borrowpit excavation undressed lead upto 100 ft.


Filling behind S/Pitching $1 \times 800 \times \frac{13.0+10.00}{2} \times 13.00 =$ 119600.00 Cft.

8. Carriage of earth.

Quantity same as item No.7 119600.00 Cft.

9. Earth work compaction (Soft, ordinary hard) Laying earth in 6" Layers.

Quantity same as item No.7 119600.00 Cft.


 Assistant Executive Engineer
 Darro Sub-Division

CARTAGE STATEMENT

ESTIMATE FOR CONSTRUCTION PROTECTION WALL AND PROTECTION WALL TOWN AREA

S.No	Item	Quantity	Cement	Sand	Bajri	S/Aggregate	Stone
1	Cement concrete plain Ratio 1:3:6.	10800.00 Cft.	1404.00	4968.00		9936.00	
2	Cement concrete plain Ratio 1:2:4.	600.00 Cft.	105.60	264.00	528.00		
3	Coursed Rubble Masonary Found. + Super structure	43200.00 Cft.	1974.24	14774.40			43200.00
4	Stone Pointing	20800.00 Sft.	112.32	416.00			

Total
 Source
 Lead in Miles
 Rate in Rs.

3596.16	20422.40	528.00	9936.00	43200.00
Thatta 45 33.33	Ghagar 76 3051.16	Makli 54 2334.84	Makli 54 2334.84	Chillya 54 2334.84

Total
 119860.08 623120.10 12327.955 231989.70 1008650.89
 1995948.73


 Assistant Executive Engineer
 Darro Sub-Division