



**DIRECTORATE  
ON FARM WATER MANAGEMENT  
SINDH HYDERABAD**



MAIN HUSSAINABAD ROAD, HUSSAINABAD HYDERABAD  
Tel: 022-9260145, 022-9260439, FAX: 022-9260438, E-mail: dirofwm@yahoo.com  
OFWM/WCD/SUS-THATTA/2012/3210 , Dated: 15/8 / 2012

To

→ The Manager (CB),  
Sindh Public Procurement Regulatory Authority,  
Government of Sindh,  
Karachi.

SUBJECT:- **NIT No. OFWM/WCD/TENDERS-THATTA/2012/1436 Dated: 16-04-2012.**

Reference: **Dir (CB)/1436/SPPRA/3-2(HYD)/12-13/542 Dated: 07-08-2012**

Please find enclosed required information with reference to letter no. mentioned above.

- Integrity Pact (Attached annexure – A).
- Bill of quantities of successful bidder (Attached annexure – B).
- Challan of stamp duty (Attached annexure – C).
- Award price indicated in Contract Agreement at para -9, amounting Rs. 297,169,621/= (Attached annexure – D).

  
**(ENGR: MUHAMMAD RAMZAN BAPRANI)  
DIRECTOR**

CC to:-

- The Additional Secretary (Tech) Agriculture Department, Government of Sindh, Karachi, for kind information.
- The Director General, Agricultural Engineering & Water Management, Sindh Hyderabad for kind information.
- Master File.

SPPRA INWARD DIARY  
No. \_\_\_\_\_  
Dated \_\_\_\_\_  
Sindh Public Procurement  
Regulatory Authority Govt. of Sindh

MEM  
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## SCHEDULE- F TO BID

## (INTEGRITY PACT)

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC.  
PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS  
IN CONTRACTS WORTH RS. 10.00 MILLION OR MORE

Contract No: OFWM/WCD/Tender Thatta 2012/26/6

Dated: 28-6-2012

Contract Value: Rs.297,169,621/=(Two hundred ninety seven million one hundred sixty nine thousand six hundred twenty one only)

Contract Title: Pilot Project for Sustainable Agriculture through Storage Tanks in Thatta

China Harbour Engineering Company Ltd. hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Director On Farm Water Management Sindh Hyderabad or any administrative subdivision or agency thereof or any other entity owned or controlled by Director On Farm Water Management Sindh Hyderabad through any corrupt business practice.

Without limiting the generality of the foregoing, China Harbour Engineering Company Ltd. represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor, or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege, or other obligation or benefit in whatsoever from Director On Farm Water Management Sindh Hyderabad, except that which has been expressly declared pursuant hereto.

China Harbour Engineering Company Ltd. certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with Director On Farm Water Management Sindh Hyderabad and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

China Harbour Engineering Company Ltd. accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as



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aforesaid shall, without prejudice to any other rights and remedies available to Director On Farm Water Management Sindh Hyderabad under any law, contract or other instruments, be voidable at the option of Director On Farm Water Management Sindh Hyderabad.

Notwithstanding any rights and remedies exercised by Director On Farm Water Management Sindh Hyderabad in this regard, China Harbour Engineering Company Ltd agrees to indemnify Director On Farm Water Management Sindh Hyderabad for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to Director On Farm Water Management Sindh Hyderabad in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by China Harbour Engineering Company Ltd. as aforesaid for the purpose of obtaining or including benefit in whatsoever form Director On Farm Water Management Sindh Hyderabad.

**Name of Procuring Agency:**

Director  
On Farm Water Management  
Sindh Hyderabad

**Name of Contractor:**

China Harbour Engineering Company Ltd.  
Karachi

Signature: .....

  
**DIRECTOR**  
On Farm Water Management  
Sindh Hyderabad

[Seal]

Signature: .....



[Seal]



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## SCHEDULE OF PRICES

CONSTRUCTION OF 07 WATER RESERVOIRS (3 REMODELING AND 4 NEW RESERVOIRS)

## SUMMARY OF BILL OF QUANTITIES

1	Section 1 Construction of Pond	Rs.	206,339,262
2	Section 2 Construction of Water Course	Rs.	21,621,508
3	Section 3 Construction of Drinking Water Pipe	Rs.	3,057,628
4	Section 4 Construction of RCC Tank	Rs.	20,062,221
5	Section 5 Allied civil work / structure and electrical / mechanical works	Rs.	46,089,000
	Total	Rs.	297,169,621

 20/5/12  
 30/5/12

 31/5

 31/5/12  
 31/5



SCHEDULE OF PRICES

CONSTRUCTION OF 07 WATER RESERVOIRS (3 REMODELING AND 4 NEW RESERVOIRS)

SUMMARY OF BILL OF QUANTITIES

SECTION 1

SECTION 1-A ( Re-Modelling Pond Nos. 1 & 2)

Rs. 57,570,243/-

SECTION 1-B ( Re-Modelling Pond No. 6)

Rs. 21,915,730/-

SECTION 1-C ( New Ponds Nos. 3,4,5 and 7)

Rs. 126,853,289/-

TOTAL

Rs. 206,339,262/-



CONSTRUCTION OF 07 WATER RESERVOIRS (3 REMODELING AND 4 NEW RESERVOIRS)

BILL OF QUANTITIES  
(Water Reservoirs)

SECTION 1-A ( Re-Modelling Pond Nos. 1 & 2)

S. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Excavation in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).(this item includes dewatering work)	Cft	1984490	8/-	15,875,920/-
2	Raisng of embankments with the excavated stuff in layers i.e.watering, ramming to full compaction etc. complete as per drawings and specifications and as directed by the Engineer.	Cft	1984490	8/-	15,875,920/-
3	Raising of embankments with earth brought from out side sources in layers i.e. watering, ramming to full compaction etc. complete as per drawings and specifications and as directed by the Engineer.	Cft	496123	20/-	9,922,460/-
4	Spraying and injecting lime powder on surface of excavation to remove weeds and other undesirable growth of flora to prepare the surface to receive geo membrane complete as per drawings and specifications and as directed by the Engineer	Sft	262150	5/-	1,310,750/-
5	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer(including wastage)	Sft	262150	16/-	4,215,876/-



6	Providing and laying Geo-Grid 2" thick of approved quality for reservoirs at base of the tank	Sft	99895	18/-	1,836,975/-
7	Providing and laying Geo-Grid 4" thick of approved quality for reservoirs at slopes of the tank including shoulders.	Sft	53040	22/-	1,152,693/-
8	Providing and laying smoothly finished barefaced plain cement concrete 1:2:4 in Slopes & Shoulders using OP cement using barefaced formwork and with approved quality graded crush and approved quality sand, including, formwork and all mixing, pouring, Roding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer.	Cft	17503.20	290/-	5,075,928/-
9	Providing and filling 1/2" rounded shaped crush gravel at bottom/base of the tank.	Cft	16649.16	72/-	1,198,740/-
10	Providing & fixing Railing fabricated from G.I. pipes of 2" dia including exaction for balustrades and holding the balustrades in place with concrete ratio 1:2:4 including painting with three coats of enamel paint over a coat of rust inhibiting paint, complete as per drawings and specifications and as directed by the Engineer				
a	Excavation	Cft	530	8/-	4,240/-
b	Concrete 1:2:4	Cft	530	290/-	153,700/-
c	G. I. pipe Railing	Rft	3,810	259/-	987,242/-
11	Providing and laying smoothly finished fairfaced plain cement concrete 1:2:4 in steps using OP cement using fairfaced formwork and with approved quality graded crush and approved quality sand, including, formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer.	Each	40	2500/-	100,000/-

Total:

57,570,242/-

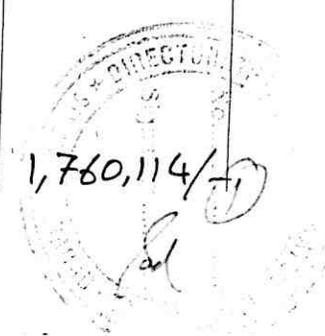


# CONSTRUCTION OF 07 WATER RESERVOIRS (3 REMODELING AND 4 NEW RESERVOIRS)

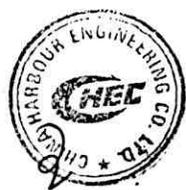
## BILL OF QUANTITIES (Water Reservoirs)

### SECTION 1-B ( Re-Modelling Pond No. 6)

S. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Excavation in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope leveling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer In charge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m). (this item includes dewatering work)	Cft	1264400	8/-	10,115,200/-
2	Spraying and injecting lime powder on surface of excavtion to remove weeds and other undesirable growth of flora to prepare the surface to receive geo membrane complete as per drawings and specifcatons and as directed by the Engineer	Sft	197492	5/-	987,460/-
3	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	197492	16/-	3,070,430/-
4	Providing and laying Geo-Grid 2" thick of approved quality for reservoirs at base of the tank	Sft	152782	18/-	2,809,517/-
5	Providing and laying Geo-Grid 4" thick of approved quality for reservoirs at slopes of the tank including shoulders.	Sft	18392	22/-	399,705/-
6	Providing and laying smoothly finished barefaced plain cement concrete 1:2:4 in Slopes & Shoulders using OP cement using barefaced formwork and with approved quality graded crush and approved quality sand, including, formwork and all mixing, pouring, Roding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the	Cft	6069.36	290/-	1,760,114/-



7	Providing and filling 1/2" rounded shaped crush gravel at bottom/base of the tank.	Cft	25463.67		
8	Providing & fixing Railing fabricated from G.I. pipes of 2: dia including excavation for balustrades and holding the balustrades in place with concrete ratio 1:2:4 including painting with three coats of enamel paint over a coat of rust inhibiting paint, complete as per drawings and specifications and as directed by the Engineer			72/-	1,833,384/-
A	Excavation	Cft	180	8/-	1,440/-
B	Concrete 1:2:4	Cft	180	290/-	52,200/-
C	G. I. pipe Railing	Rft	1,078	259/-	279,330/-
9	Providing and laying smoothly finished fairfaced plain cement concrete 1:2:4 in steps using OP cement using fairfaced formwork and with approved quality graded crush and approved quality sand, including, formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer.	Each	20	2500/-	50,000/-
<b>Total:</b>					<b>2,915,730/-</b>



# CONSTRUCTION OF 07 WATER RESERVOIRS (3 REMODELING AND 4 NEW RESERVOIRS)

## BILL OF QUANTITIES (Water Reservoirs)

### SECTION 1-C ( New Ponds Nos. 3,4,5 and 7)

S. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Excavation in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m). (this item includes dewatering work)	Cft	6842252	8/-	54,738,016/-
3	Spraying and injecting lime powder on surface of excavation to remove weeds and other undesirable growth of flora to prepare the surface to receive geo membrane complete as per drawings and specifications and as directed by the Engineer	Sft	851,760	5/-	4,258,800/-
4	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	851,760	16/-	13,242,409/-
5	Providing and laying Geo-Grid 2" thick of approved quality for reservoirs at base of the tank	Sft	548381	18/-	10,084,210/-
6	Providing and laying Geo-Grid 4" thick of approved quality for reservoirs at slopes of the tank including shoulders.	Sft	303379	22/-	6,593,161/-
7	Providing and laying smoothly finished barefaced plain cement concrete 1:2:4 in Slopes & Shoulders using OP cement using barefaced formwork and with	Cft	100115.87	290/-	29,033,602/-



8	approved quality graded crush and approved quality sand, including, formwork and all mixing, pouring, Roding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer. Providing and filling ½" rounded shaped crush gravel at bottom/base of the tank.	Cft	91396.83	72/-	6,580,572/-
9	Providing & fixing Railing fabricated from G.I. pipes of 2: dia including excation for balustrades and holding the balustrades in place with concrete ratio 1:2:4 including painting with three coats of enamel paint over a coat of rust inhibiting paint, complete as per drawings and specifications and as directed by the Engineer				
a	Excavation	Cft	1,170	8/-	9,360/-
b	Concrete 1:2:4	Cft	1,170	290/-	339,300/-
c	G. I. pipe Railing	Rft	7,000	259/-	1,813,830/-
11	Providing and laying smoothly finished barefaced plain cement concrete 1:2:4 in steps using OP cement using barefaced formwork and with approved quality graded crush and approved quality sand, including, formwork and all mixing, pouring, Roding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer.	Each	64	2500/-	160,000/-
<b>Total:</b>					<b>126,853,289/-</b>



SCHEDULE OF PRICES

CONSTRUCTION OF WATERCOURSES (1 NEW AND 1 REHABILITATION)

SUMMARY OF BILL OF QUANTITIES

WATER COURSES

SECTION 2

SECTION 2-A (1- Re-Modeling)

Rs. 1,845,188/-

SECTION 2-B (1- New Water Course)

Rs. 19,776,320/-

TOTAL

Rs. 21,621,508/-



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A

CONSTRUCTION OF WATERCOURSES (1 NEW AND 1 REHABILITATION)

BILL OF QUANTITIES  
WATER COURSE

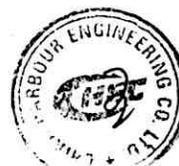
SECTION 2-A (1- Re-Modeling)

S. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Excavation in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m). (this item includes dewatering work)	Cft	8,440	8/-	67,520/-
2	Filling the excavated stuff in trenches / water course in layers i.e. watering, ramming to full compaction etc. complete as per drawings and specifications and as directed by the Engineer.	Cft	230	8/-	1,840/-
3	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	17,635	16/-	274,173/-
4	Providing & Laying graunlar filter material 3" thick over the geo membrane, complete as per drawings and specifications and as directed by the Engineer	Sft	17,635	35/-	617,225/-
5	Providing & Laying 3" thick brick lining consisting of first class burnt bricks over the filter media, complete as per drawings and specifications and as directed by the Engineer	Sft	17,635	50/-	881,725/-



6	<p>Construction of R.C.C chambers per approved design comprising excavation, back filling, C.C. 1:4:8 concrete. R.C.C. 1:2:4 in foundation 6" thick and top slab 6" thick, steel reinforcement barsad 5 lbs/Cft, 8" thick 1:3:6 C.C. solid block masonar wall set in 1:6 cement sand Martor, 2" thick 1:2:4 cement concrete flooring, 1/2" thick 1:3 cement sand plaster inside surfaces. complete. Completion in all respect as shown on the drawings.</p>	Each	-		/
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Total:	1,845,188/-
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**CONSTRUCTION OF WATERCOURSES (1 NEW AND 1 REHABILITATION)**

**BILL OF QUANTITIES  
WATER COURSE**

**SECTION 2-B ( 1- New Water Course)**

S. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Excavation in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m). (this item includes dewatering work)	Cft	251,700	8/-	2,013,600/-
2	Filling the excavated stuff in trenches / water course in layers i.e. watering, ramming to full compaction etc. complete as per drawings and specifications and as directed by the Engineer.	Cft	-	-	-
3	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	175,730	16/-	2,732,094/-
4	Providing & Laying graunlar filter material 3" thick over the geo membrane, complete as per drawings and specifications and as directed by the Engineer	Sft	175,730	35/-	6,150,550/-
5	Providing & Laying 3" thick brick lining consisting of first class burnt bricks over the filter media, complete as per drawings and specifications and as directed by the Engineer	Sft	175,730	50/-	8,813,207/-



6	Construction of R.C.C chambers per approved design comprising excavation, back filling, C.C. 1:4:8 concrete. R.C.C. : 1:2:4 in foundation 6" thick and top slab 6" thick, steel reinforcement barsad 5 lbs/Cft, 8" thick 1:3:6 C.C. solid block masonar wall set in 1:6 cement sand Martor, 2" thick 1:2:4 cement concrete flooring, 1/2" thick 1:3 cement sand plaster inside surfaces, complete. Completion in all respect as shown on the drawings.	Each	2	33,435/-	66,869/-
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<b>Total:</b>	19,776,320/-
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SCHEDULE OF PRICES

CONSTRUCTION OF DRINKING WATER SUPPLY PIPING

SUMMARY OF BILL OF QUANTITIES  
DRINKING WATER SUPPLY PIPING WORKS

SECTION 3

SECTION 3-A (From Pond # 4 to Mir Muhammad Jatoi Goth)

Rs. 550,248/-

SECTION 3-B (From Pond # 6 to Ajaib Soomro Goth)

Rs. 621,078/-

SECTION 3-C (From Ajaib Soomro Goth to Ilyas Soomro Goth)

Rs. 1,886,303/-

TOTAL

Rs. 3,057,628/-

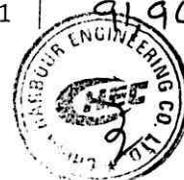


**CONSTRUCTION OF DRINKING WATER SUPPLY PIPING**

**BILL OF QUANTITIES  
DRINKING WATER SUPPLY PIPING WORKS**

**SECTION 3-A (From Pond # 4 to Mir Muhammad Jatoi Goth)**

S. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Excavation for pipe line in trenches and pits in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).	Cft	6,870	8/-	54,960/-
2	Refilling the excavated stuff in trenches 6" thick layer i.e.watering, ramming to full compaction etc. complete.	Cft	6,870	8/-	54,960/-
3	Supply lay and compact screened coarse sand of A3 AASHTO Classification in trenches for Pipe bedding and on side and top of pipe to the required thickness and grades as shown on drawings in accordance with specifications or as directed by the Engineer	Cft	755	45/-	33,975/-
4	Cement concrete plain 1:2:4 including placing, compacting, finishing and curing etc. complete. (encasement & thrust block)	Cft	250	290/-	72,500/-
5	Supplying & staking uPVC pipe class "C" with rubber ring of approved make and quality conforming to BSS-3505 and PSI-3051-1991 & Rubber ring to PS-1915 in Trenches including transportation etc. complete and as per drawing specifications and instruction of Engineer-in-Charge. pipe 4" dia	Rft	1,145	175/-	200,375/-
6	Providing and fixing cast iron sluice valve of approved make and quality according to standard specification,	Nos	1	91,945/-	91,945/-



	testing etc. including transportation complete.				
7	<p>Construction of R.C.C valve chambers of following sizes as per approved design for sluice valve 3" to 12" dia comprising excavation, back filling, C.C. 1:4:8 concrete. R.C.C. 1:2:4 in foundation 6" thick and top slab 6" thick, steel reinforcement barsad 5 lbs/Cft, 8" thick 1:3:6 C.C. solid block masonar wall set in 1:6 cement sand Martor, 2" thick 1:2:4 cement concrete flooring, 1/2" thick 1:3 cement sand plaster inside surfaces, cost iron cover with frame weighting 50 kg 1" thick in 1:4 cement sand roof topping, fixing of foot rest/Rung at 2 1/2 C/C etc. complete. Completion in all respect as shown on the drawings.</p> <p>i) 3 feet x 3 feet x 6 feet deep (Inside dimension)</p>	each	1	41,793/-	41,793/-

<b>Total:</b>	<b>550,248/-</b>
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# CONSTRUCTION OF DRINKING WATER SUPPLY PIPING

## BILL OF QUANTITIES DRINKING WATER SUPPLY PIPING WORKS

### SECTION 3-B (From Pond # 6 to Ajaib Soomro Goth)

S. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Excavation for pipe line in trenches and pits in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).	Cft	8,040	8/-	64,320/-
2	Refilling the excavated stuff in trenches 6" thick layer. i.e. watering, ramming to full compaction etc. complete.	Cft	8,040	8/-	64,320/-
3	Supply lay and compact screened coarse sand of A3 AASHTO Classification in trenches for Pipe bedding and on side and top of pipe to the required thickness and grades as shown on drawings in accordance with specifications or as directed by the Engineer	Cft	885	45/-	39,825/-
4	Cement concrete plain 1:2:4 including placing, compacting, finishing and curing etc. complete. (encasement & thrust block)	Cft	292	290/-	84,680/-
5	Supplying & staking uPVC pipe class "C" with rubber ring of approved make and quality conforming to BSS-3505 and PSI-3051-1991 & Rubber ring to PS-1915 in Trenches including transportation etc. complete and as per drawing specifications and instruction of Engineer-in-Charge.				



	pipe 4" dia	Rft	1,340	175/-	234,195/-
6	Providing and fixing cast iron sluice valve of approved make and quality according to standard specification, testing etc. including transportation complete.	Nos	1	91,945/-	91,945/-
7	Construction of R.C.C valve chambers of following sizes as per approved design for sluice valve 3" to 12" dia comprising excavation, back filling, C.C. 1:4:8 concrete. R.C.C. 1:2:4 in foundation 6" thick and top slab 6" thick, steel reinforcement barsad 5 lbs/Cft, 8" thick 1:3:6 C.C. solid block masonar wall set in 1:6 cement sand Martor, 2" thick 1:2:4 cement concrete flooring, 1/2" thick 1:3 cement sand plaster inside surfaces, cast iron cover with frame weighting 50 kg 1" thick in 1:4 cement sand roof topping, fixing of foot rest/Rung at 2 1/2 C/C etc. complete. Completion in all respect as shown on the drawings.				
	i) 3 feet x 3 feet x 6 feet deep (Inside dimension)	each	1	41,793/-	41,793/-
<b>Total:</b>					<b>621,078/-</b>

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# CONSTRUCTION OF DRINKING WATER SUPPLY PIPING

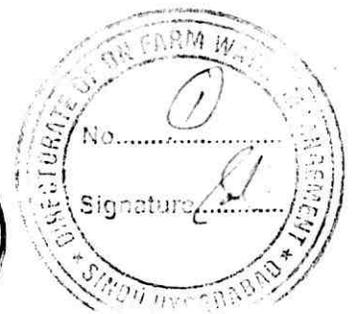
## BILL OF QUANTITIES DRINKING WATER SUPPLY PIPING WORKS

### SECTION 3-C (From Ajaib Soomro Goth to Ilyas Soomro Goth)

S. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Excavation for pipe line in trenches and pits in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).	Cft	26,700	8/-	213,600/-
2	Refilling the excavated stuff in trenches 6" thick layer i.e. watering, ramming to full compaction etc. complete.	Cft	26,700	8/-	213,600/-
3	Supply lay and compact screened coarse sand of A3 AASHTO Classification in trenches for Pipe bedding and on side and top of pipe to the required thickness and grades as shown on drawings in accordance with specifications or as directed by the Engineer	Cft	2,940	45/-	132,300/-
4	Cement concrete plain 1:2:4 including placing, compacting, finishing and curing etc. complete. (encasement & thrust block)	Cft	971	290/-	281,590/-
5	Supplying & staking uPVC pipe class "C" with rubber ring of approved make and quality conforming to BSS-3505 and PSI-3051-1991 & Rubber ring to PS-1915 in Trenches including transportation etc. complete and as per drawing specifications and instruction of Engineer-in-Charge. pipe 4" dia	Rft	4,450	175/-	



6	Providing and fixing cast iron sluice valve of approved make and quality according to standard specification, testing etc. including transportation complete.	Nos	2	91,945/-	183,891/-
7	Construction of R.C.C valve chambers of following sizes as per approved design for sluice valve 3" to 12" dia comprising excavation, back filling, C.C. 1:4:8 concrete. R.C.C. 1:2:4 in foundation 6" thick and top slab 6" thick, steel reinforcement barsad 5 lbs/Cft, 8" thick 1:3:6 C.C. solid block masonar wall set in 1:6 cement sand Martor, 2" thick 1:2:4 cement concrete flooring, 1/2" thick 1:3 cement sand plaster inside surfaces, cast iron cover with frame weighting 50 kg 1" thick in 1:4 cement sand roof topping, fixing of foot rest/Rung at 2 1/2 C/C etc. complete. Completion in all respect as shown on the drawings.  i) 3 feet x 3 feet x 6 feet deep (Inside dimension)	each	2	41,793/-	83,587/-
<b>Total:</b>					1,886,303/-



# SCHEDULE OF RATES

## CONSTRUCTION OF 03 DRINKING WATER RCC TANKS

### SUMMARY OF BILL OF QUANTITIES

#### DRINKING WATER RCC TANKS

##### SECTION 4

SECTION 4-A ( Mir Muhammad Jatoi Goth)

Rs. 6,687,407/-

SECTION 4-B ( Ajaib Soomro Goth)

Rs. 6,687,407/-

SECTION 4-C ( Ilyas Soomro Goth)

Rs. 6,687,407/-

TOTAL

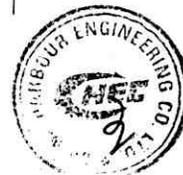
Rs. 20,062,221/-



**CONSTRUCTION OF 03 DRINKING WATER RCC TANKS**  
**BILL OF QUANTITIES**  
**DRINKING WATER RCC TANKS**

**SECTION 4-A ( Mir Muhammad Jatoi Goth)**

S. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Excavation and backfilling in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).this item includes dewatering .	Cft	12,600	8/-	100,800/-
2	Providing and laying lean cement concrete 1:4:8 with OP cement using timber formwork and with approved quality graded crush and approved quality sand, meeting with the specifications for required concrete strength including formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer.	Cft	2,070	145/-	300,150/-
3	Providing and laying smoothly finished fairfaced reinforced cement concrete 1:2:4 with OP cement using fairfaced formwork and with approved quality graded crush and approved quality sand, meeting with the specifications for required concrete strength including, formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer. (Steel reinforcement				



	measured and paid separately).				
a	Base Slab	Cft	4,050	300/-	1,215,000/-
b	Columns	Cft	140	300/-	42,000/-
c	Walls	Cft	900	300/-	270,000/-
d	Top Slab & Beams	Cft	2,900	300/-	870,000/-
4	Providing & Fixing Heavy duty Cast Iron Manhole Covers in Top Slab CME or equivalent shown on drawings complete as per drawings and specifications and as directed by the Engineer	Each	4	5,015/-	20,061/-
5	Providing & fixing 3/4" dia G.I. bar rungs made from 3'-0" long bars at 12" centers including cutting bending and fixing in place complete as per drawings and specifications and as directed by the Engineer	Nos	12	585/-	7,021/-
6	providing & fixing 4" dia C.I. vent pipes with welded expanded mesh and hold fast, including three coats of enamel paint over a coat of rust resistant paint complete as per drawings and specifications and as directed by the Engineer	Nos	10	4,012/-	40,122/-
7	Providing, making and fixing steel reinforcement bars conforming to ASTM A-615, i/c cleanings, straightening, cutting, bending and placing in position with 18 gauge G.I. binding wire, steel chairs and concrete spacer blocks, all complete as per drawings, specifications and as directed by the Engineer.				
	Deformed Steel Grade 40	Tons	30	120,000/-	3,600,000/-



8	Providing & fixing in position 8" wide grooved PVC rubber seal including the filling of joints with approved caulking compound. The joints in PVC rubber strips to be properly overlapped with 4" lap with proper vulcanizing all as per manufacturer's specificatin and as directed by the Engineer	Rft	270	543/-	146,695/-
	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	4,860	16/-	75,559/-
<b>Total:</b>					<b>6,687,407/-</b>

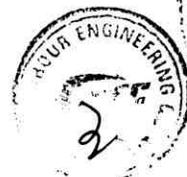
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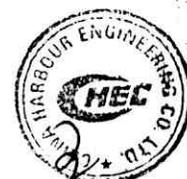
**CONSTRUCTION OF 03 DRINKING WATER RCC TANKS**  
**BILL OF QUANTITIES**  
**DRINKING WATER RCC TANKS**

**SECTION 4-B ( Ajaib Soomro Goth)**

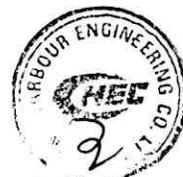
S. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Excavation and backfilling in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).(this item includes dewatering work)	Cft	12,600	8/-	100,800/-
2	Providing and laying lean cement concrete 1:4:8 with OP cement using timber formwork and with approved quality graded crush and approved quality sand, meeting with the specifications for required concrete strength including formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer.	Cft	2,070	145/-	300,150/-
3	Providing and laying smoothly finished fairfaced reinforced cement concrete 1:2:4 with OP cement using fairfaced formwork and with approved quality graded crush and approved quality sand, meeting with the specifications for required concrete strength including, formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer. (Steel reinforcement measured and paid separately).				



a	Base Slab	Cft	4,050	300/-	1,215,000/-
b	Columns	Cft	140	300/-	42,000/-
c	Walls	Cft	900	300/-	270,000/-
d	Top Slab & Beams	Cft	2,900	300/-	870,000/-
4	Providing & Fixing Heavy duty Cast Iron Manhole Covers in Top Slab CME or equivalent shown on drawings complete as per drawings and specifications and as directed by the Engineer	Each	4	5,015/-	20,061/-
5	Providing & fixing 3/4" dia G.I. bar rungs made from 3'-0" long bars at 12" centers including cutting bending and fixing in place complete as per drawings and specifications and as directed by the Engineer	Nos	12	585/-	7,021/-
6	providing & fixing 4" dia C.I. vent pipes with welded expanded mesh and hold fast, including three coats of enamel paint over a coat of rust resistant paint complete as per drawings and specifications and as directed by the Engineer	Nos	10	4,012/-	40,122/-
7	Providing, making and fixing steel reinforcement bars conforming to ASTM A-615, i/c cleanings, straightening, cutting, bending and placing in position with 18 gauge G.I. binding wire, steel chairs and concrete spacer blocks, all complete as per drawings, specifications and as directed by the Engineer.				
	Deformed Steel Grade 40	Tons	30	120,000/-	3,600,000/-
8	Providing & fixing in position 8" wide grooved PVC rubber seal including the filling of joints with approved caulking compound. The joints in PVC rubber strips to be properly overlapped with 4" lap with proper vulcanizing all as per manufacturer's specification and as directed by the Engineer	Rft	270	543/-	146,695/-



	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	4,860	16/-	75,559/-
Total:					6,667,407/-

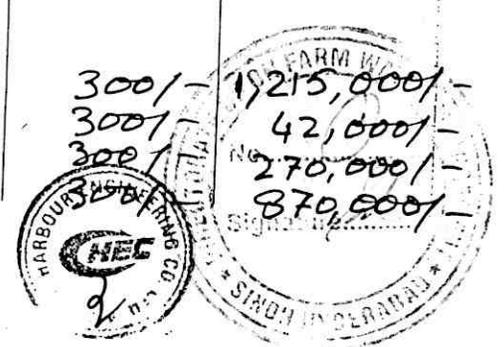


# CONSTRUCTION OF 03 DRINKING WATER RCC TANKS

## BILL OF QUANTITIES DRINKING WATER RCC TANKS

### SECTION 4-C ( Ilyas Soomro Goth)

S. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Excavation and backfilling in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).(this item includes dewatering work)	Cft	12,600	8/-	100,800/-
2	Providing and laying lean cement concrete 1:4:8 with OP cement using timber formwork and with approved quality graded crush and approved quality sand, meeting with the specifications for required concrete strength including formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer.	Cft	2,070	145/-	300,150/-
3	Providing and laying smoothly finished fairfaced reinforced cement concrete 1:2:4 with OP cement using fairfaced formwork and with approved quality graded crush and approved quality sand, meeting with the specifications for required concrete strength including, formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer. (Steel reinforcement measured and paid separately).				
a	Base Slab	Cft	4,050	300/-	1,215,000/-
b	Columns	Cft	140	300/-	42,000/-
c	Walls	Cft	900	300/-	270,000/-
d	Top Slab & Beams	Cft	2,900	300/-	870,000/-


  
 300/- 1,215,000/-  
 300/- 42,000/-  
 300/- 270,000/-  
 300/- 870,000/-  
 2/11/2011  
 HARBOUR ENGINEERING CO.  
 SINDH INDEMNITY

4	Providing & Fixing Heavy duty Cast Iron Manhole Covers in Top Slab CME or equivalent shown on drawings complete as per drawings and specifications and as directed by the Engineer	Each	4	5,015/-	20,061/-
5	Providing & fixing 3/4" dia G.I. bar rungs made from 3'-0" long bars at 12" centers including cutting bending and fixing in place complete as per drawings and specifications and as directed by the Engineer	Nos	12	585/-	7,021/-
6	providing & fixing 4" dia C.I. vent pipes with welded expanded mesh and hold fast, including three coats of enamel paint over a coat of rust resistant paint complete as per drawings and specifications and as directed by the Engineer	Nos	10	4,012/-	40,122/-
7	Providing, making and fixing steel reinforcement bars conforming to ASTM A-615, i/c cleanings, straightening, cutting, bending and placing in position with 18 gauge G.I. binding wire, steel chairs and concrete spacer blocks, all complete as per drawings, specifications and as directed by the Engineer. Deformed Steel Grade 40	Tons	30	120,000/-	3,600,000/-
8	Providing & fixing in position 8" wide grooved PVC rubber seal including the filling of joints with approved caulking compound. The joints in PVC rubber strips to be properly overlapped with 4" lap with proper vulcanizing all as per manufacturer's specification and as directed by the Engineer	Rft	270	543/-	146,695/-
	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	4,860	16	75,559/-
TOTAL					6,687,407/-



SCHEDULE OF PRICES

ALLIED CIVIL WORK / STRUCTURES AND ELECTRICAL / MECHANICAL WORKS

SUMMARY OF BILL OF QUANTITIES

ALLIED CIVIL WORK / STRUCTURES AND ELECTRICAL / MECHANICAL WORKS

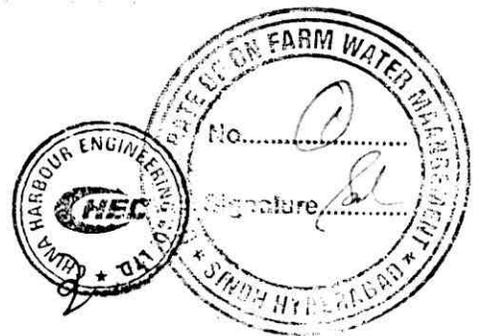
SECTION 5

SECTION 5

Rs. 46,089,000/-

TOTAL

Rs. 46,089,000/-



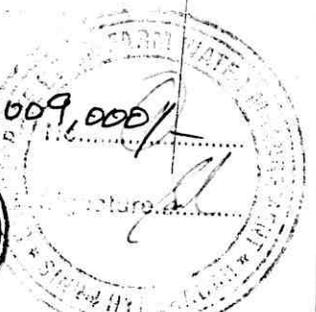
ALLIED CIVIL WORK / STRUCTURES AND ELECTRICAL / MECHANICAL WORKS

BILL OF QUANTITIES

ALLIED CIVIL WORK / STRUCTURES AND ELECTRICAL / MECHANICAL WORKS

SECTION 5

S. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Construction of 04 Pump Rooms (civil works) Size 14'-0" x 10'-0" each complete as per drawings and specifications and as directed by the Engineer	Sft	560	4,000/-	2,240,000/-
2	Construction of 02 Generator Rooms (civil works) Size 10'-0" x 8'-0" each, complete as per drawings and specifications and as directed by the Engineer	Sft	160	4000/-	640,000/-
3	Providing fabricating and fixing in place Penstock gate 20 sft area consisting of gate manufactured from Mild Steel Plates and structural members including MS Frame including painting with one coat of rust inhibiting paint and one coat of epoxy paint as per manufacturer's specifications. Spandrel to be manufactured from Stainless steel including construction of RCC structure to house the gate, complete as per drawings and specifications and as directed by the Engineer	Each	3	1,300,000/-	3,900,000/-
4	Providing & Fixing and testing hand pumps for drawing water from underground source including cost of boring, and including providing and laying shrouding material around filter pipes complete as per drawings and specifications and as directed by the Engineer	Each	10	180,000/-	1,800,000/-
5	Constructing slow sand filter for 1000 persons including Supplying and stacking at site filter sand for slow sand filter of effective size 0.25 to 0.4 mm including double screening washing and sprading the same in filter lads to proper leveletc. complete (compacted thickness will be considered for payment	Nos	3	1,003,000/-	3,009,000/-



Providing installing testing and commissioning Solar powered Generator 20kVA complete with all accesories, spares etc. and to be installedand tested as per manufacturer's instructions	Nos	2	14,000,000/-	28,000,000/-
Providing installing testing and commissioning Water Pumps 6" x 5" with suction and delivery pipes complete with all accesories, spares etc. and to be installedand tested as per manufacturer's instructions	Nos	4	1,000,000/-	4,000,000/-
Providing installing testing and commissioning electrical / mechanical works for installation, testing and commisioning of 02 generators and allied 04 water pumps including providing & laying Electrical cables of appropriate sizes buried in trenches, complete as per drawings and specifications and as directed by the Engineer	Job	1	2,500,000/-	2,500,000/-
Total:				46,089,000/-





BOARD OF REVENUE,  
(STAMP WING)  
79-SINDH SECRETARIAT, KARACHI  
CHALLAN NO.

ORIGINAL

Challan of Cash/Cheque paid into the,  
National Bank of Pakistan  
Pass Port office/City Courts Branch, Karachi.

To be filled in by remitter		To be filled by the Department officer of the Treasury.	
By from tendered (Name)	M/s. China Harbour Engineering Company Limited, Karachi.	Head of Account "027000-0271000"	
Name (or designation) and address of the persons on whose behalf money is paid.	Assistant Superintendent of Stamps, Karachi.	Order to the Bank	
Full particulars of the remittance and the authority (if any)	Amount	Correct Received and grant receipt	
Stamp duty on contract agreement for the work construction of Water Reservoir under the scheme "Pilot Project for sustainable Agriculture through storage Tanks in Thatta" amounting of Rs.297,169,621/- at the rate of 0.30%	8,91,510/-	Date	
Total	8,91,510/-	Inspector of Stamps Board of Revenue Sindh, Karachi. Signature and full designation of the officer ordering the money to be paid in.	
In words Rupees Eight Lac Ninety-one Thousand Five Hundred only.		To be used only in the case of remittances to Bank through an officer of the Government.	

*[Handwritten Signature]*  
29/6/2012

Received Payment  
03 JUL 2012  
RECEIVED  
Accountant

National Bank of Pakistan  
Passport Office Branch  
03 JUL 2012  
8,91,510/-  
CLEARING

19

Treasury

Date  
Treasury Officer/Agent

Share 2011 (Contract Agreement)

*Recd original  
Paid up Challan*

*[Handwritten Signature]*  
Inspector of Stamps  
Board of Revenue Sindh, Karachi

3. In consideration of the payments to be made by the procuring agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the procuring agency to execute and complete the works and remedy defects therein in conformity and in all respects with the provisions of the contract.
4. Procuring agency hereby covenants to pay the Contractor, in consideration of the execution and completion of the works as per provisions of the contract.
5. Claims/Payments will be made on the basis of work done measurement of work.
6. Mobilization advance up to 10% of bid amount will be allowed as per SPPRA Rules (Clause 14.2 'Advance Payment') against bank guarantee. Contractor shall pay interest on the mobilization advance at the rate of 10% per annum on the advance which will be recovered in 5 equal installments from the 5 R.A bills and in case the number of bills is less than five (5), then 1/5 of the advance inclusive of the interest thereon shall be recovered from each bill and the balance together with interest be recovered from the final bill. It may be insured that there is sufficient amount in the final bill to enable recovery of the mobilization advance. When sufficient amount is not available in final bill, then, amount is adjusted from deposits available with procuring agency or by any other means as the procuring agency may deem appropriate.
7. Performance Security 5% of contract cost should be provided either in shape of Irrevocable Bank Guarantee (SPPRA 2010 Rule 39). Validity of performance security shall extend at least ninety days beyond the date of completion of contract to cover defects liability period or maintenance period subject to final acceptance by the procuring agency.
8. 5% retention money will deducted from eligible claim bill(s).

The Contractor will be bound to complete all the following works within the offered cost i.e. PKR 297,169,621/- and all the works should be completed within 200 days from the date of receipt of Engineer's notice to commence, in all respect and handed over the scheme on turnkey basis.

- Construction of Water Reservoirs (3 Remodeling and 4 New Reservoirs). 7 Nos
- Construction of Watercourses (1 New and 1 Rehabilitation) on Brick Lining in order to reduce the cost. 2 Nos
- Drinking water supply piping works. 3 Jobs





**DIRECTORATE  
ON FARM WATER MANAGEMENT  
SINDH HYDERABAD**



SINDH SEED CORPORATION BUILDING, HUSSAINABAD HYDERABAD

Tel: 022-9260439 & 9260145. Fax: 022-9260438 email: [dirfwm@yahoo.com](mailto:dirfwm@yahoo.com)

OFWM/ WCD/Tender Thatta /2012/ 2616

Dated: 25/06/2012

To

M/s China Harbour Engineering  
Company Ltd. AK Tower,  
Street-E Zamzama Commercial Area,  
**DHA, Karachi.**

Subject:

**OFFER FOR CONSTRUCTION OF WATER RESERVOIR UNDER THE SCHEME  
"PILOT PROJECT FOR SUSTAINABLE AGRICULTURE THROUGH STORAGE  
TANKS IN THATTA" ON TURN KEY BASIS, SPPRA-ID 7803/ 2012.**

This is to inform you that, competent authority of Agriculture Department Government of Sindh, has accepted your Bid for the construction of following items under the scheme "Pilot Project for Sustainable Agriculture through Storage Tank in Thatta" on turnkey basis.

1. Construction of 7 Reservoirs (3- Remodeling and 4- New).
2. Construction of Watercourses (1- New and 1- Rehabilitation) on Brick Lining in order to reduce the cost .
3. Drinking Water Supply Piping works.
4. Construction of 3- Drinking Water RCC Tanks.
5. Allied Civil Work / Structures and Electrical / Mechanical works.

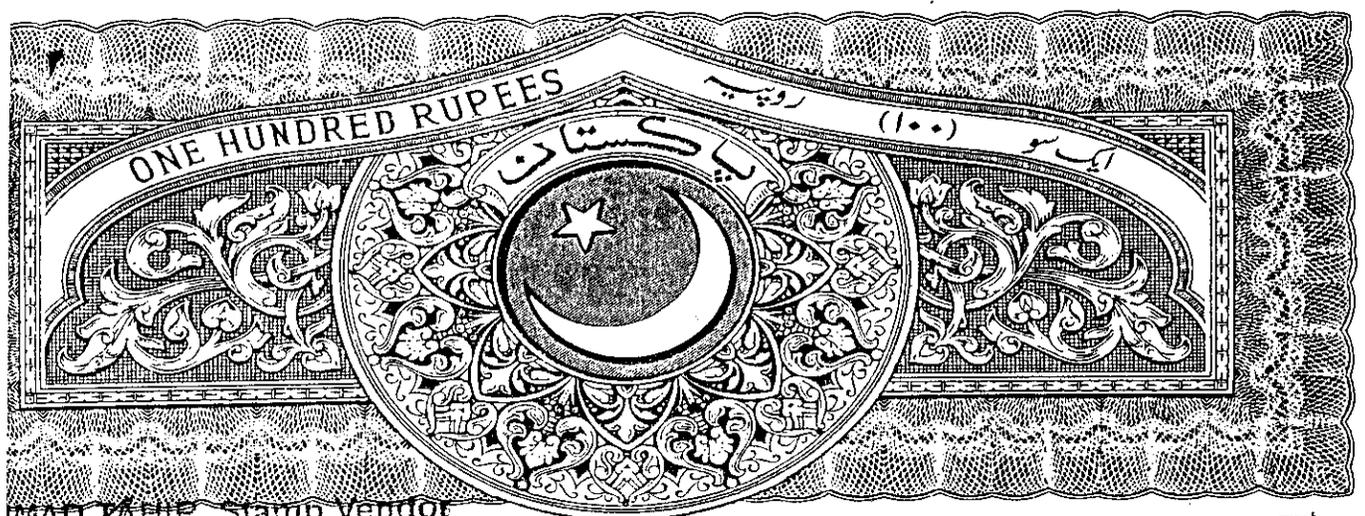
You are therefore, advised to submit your written willingness/ acceptance letter and enter into an agreement with the department for further actions as required under Sindh Public Procurement Regulatory Authority (SPPRA) rules of 2010.

*Received*  
*[Signature]*  
25/6/12

C.c to;

- The Director General, AE & WM, Sindh Hyderabad for information.
- The Additional Secretary (Tech) Agriculture Department, Government of Sindh, Karachi.

*[Signature]*  
**(ENGR. MOHAMMAD RAMZAN BAPRANI)**  
DIRECTOR



IMAD YAHIR, Stamp Vendor  
 1019 Sector 11-E Orangi Town, Karachi  
 72691 date 26 MAR 2012  
 M. KHAN  
 Advocate

**CERTIFICATE**  
 Certified as per the Stamp Act 1899  
 that Stamp duty of Rs. 8915/-  
 has been recovered vide challan  
 No. 19 dated 26/3/2012  
 for contract agreement of No. 247/16904  
 17/2012  
 Inspector of Stamps  
 Board of Revenue Sindh Karachi.

## CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the -  
28<sup>th</sup> day of June, 2012, between ON FARM WATER MANAGEMENT PROJECT  
SINDH, HYDERABAD (hereafter called the "Procuring Agency") of the one part and CHINA  
HARBOUR ENGINEERING COMPANY LTD (hereafter called "Contractor" of the other part.

WHEREAS the Procuring Agency is desirous that certain works, viz Construction of Water  
Reservoir under scheme "Pilot Project for Sustainable Agriculture through Storage Tanks  
in Thatta" should be executed by the Contractor and has accepted a bid by the Contractor for  
 the execution and completion of such works and remedying of any defects therein.

NOW this Agreement witnesseth—as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to
2. The following documents after incorporation addenda, if any, except those parts relating to Instructions to bidders shall be deemed to form and be read and construed as part of this Agreement, viz:
  - (a) The Contract Agreement
  - (b) The Letter of Acceptance
  - (c) The Completed form of Bid
  - (d) Special Stipulations (Appendix-A to Bid)
  - (e) The Special Conditions of Contract-Part II;
  - (f) The General Conditions- Part I
  - (g) The priced Bill of Quantities (Appendix -- D to Bid);
  - (h) The Completed Appendices to Bid (B,C,E to L)
  - (i) The Drawings
  - (j) The specifications.
  - (k) \_\_\_\_\_ (any other)

*[Handwritten signature]*



3. In consideration of the payments to be made by the procuring agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the procuring agency to execute and complete the works and remedy defects therein in conformity and in all respects with the provisions of the contract.
4. Procuring agency hereby covenants to pay the Contractor, in consideration of the execution and completion of the works as per provisions of the contract.
5. Claims/Payments will be made on the basis of work done measurement of work.
6. Mobilization advance up to 10% of bid amount will be allowed as per SPPRA Rules (Clause 14.2 'Advance Payment') against bank guarantee. Contractor shall pay interest on the mobilization advance at the rate of 10% per annum on the advance which will be recovered in 5 equal installments from the 5 R.A bills and in case the number of bills is less than five (5), then 1/5 of the advance inclusive of the interest thereon shall be recovered from each bill and the balance together with interest be recovered from the final bill. It may be insured that there is sufficient amount in the final bill to enable recovery of the mobilization advance. When sufficient amount is not available in final bill, then amount is adjusted from deposits available with procuring agency or by any other means as the procuring agency may deem appropriate.
7. Performance Security 5% of contract cost should be provided either in shape of Irrevocable Bank Guarantee (SPPRA 2010 Rule 39). Validity of performance security shall extend at least ninety days beyond the date of completion of contract to cover defects liability period or maintenance period subject to final acceptance by the procuring agency.
8. 5% retention money will deducted from eligible claim bill(s).

9. The Contractor will be bound to complete all the following works within the offered cost i.e. PKR 297,169,621/- and all the works should be completed within 200 days from the date of receipt of Engineer's notice to commence, in all respect and handed over the scheme on turnkey basis.

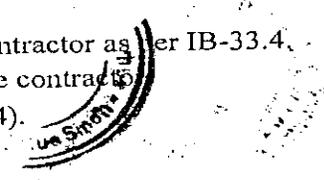
- Construction of Water Reservoirs (3 Remodeling and 4 New Reservoirs). 7 Nos
- Construction of Watercourses (1 New and 1 Rehabilitation) on Brick Lining in order to reduce the cost. 2 Nos
- Drinking water supply piping works. 3 Jobs



- Construction of Drinking water RCC Tanks.
- Allied Civil Works/ Structures and Electric/Mechanical works.

3 Nos  
Various Jobs

10. Escalation charges will not be allowed.
11. Stamp Duty 0.3% will be paid by the contractor as per IB-33.4.
12. Any other duty taxes shall be paid by the contractor.
13. Arbitration as per (SPPRA 2010 Rule 34).

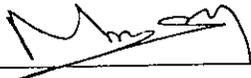


IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contractor

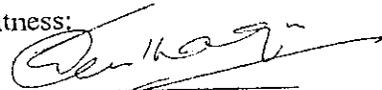
Signature of the Procuring Agency

 (Wu Ping)

  
(Seal) **DIRECTOR**  
ON FARM WATER MANAGEMENT  
SINDH HYDERABAD.

Signed, Sealed and Delivered in the presence of:

Witness:  
  
**Engr. Syed Masood Hassan**  
**Assistant Director (Tech)**  
Directorate of FWM Sindh Hyd.  
(Name, Title and Address)

Witness:  
  
**(Col.<sup>(R)</sup> Nacem ul Haque)**  
(Name, Title and Address)

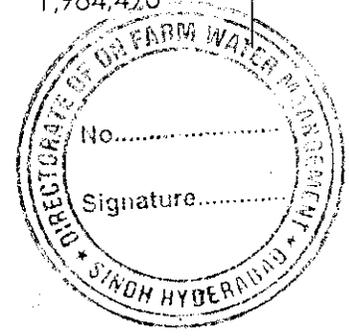
(27)

11: DETAILED SPECIFICATIONS AND QUANTITIES.

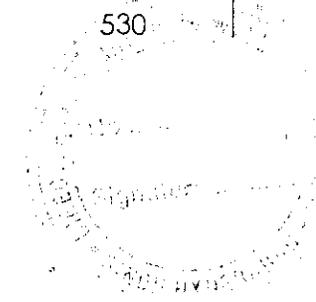
SECTION 1-A ( Re-Modelling Pond Nos 1 & 2)

S. No.	Description	Unit	Qty
1	Excavation in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).	Cft	1,984,490

99



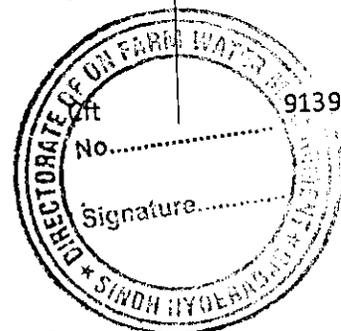
2	Raising of embankments with the excavated stuff in layers i.e. watering, ramming to full compaction etc. complete as per drawings and specifications and as directed by the Engineer.	Cft	1,984,490
3	Raising of embankments with earth brought from out side sources in layers i.e. watering, ramming to full compaction etc. complete as per drawings and specifications and as directed by the Engineer.	Cft	496,123
4	Spraying and injecting lime powder on surface of excavation to remove weeds and other undesirable growth of flora to prepare the surface to receive geo membrane complete as per drawings and specifications and as directed by the Engineer	Sft	262,150
5	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	262,150
6	Providing and laying Geo-Grid 2" thick of approved quality for reservoirs at base of the tank	Sft	99895
7	Providing and laying Geo-Grid 4" thick of approved quality for reservoirs at slopes of the tank including shoulders.	Sft	53040
8	Providing and laying smoothly finished barefaced plain cement concrete 1:2:4 in Slopes & Shoulders using OP cement using barefaced formwork and with approved quality graded crush and approved quality sand, including, formwork and all mixing, pouring, Roding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer.	Cft	17503.20
9	Providing and filling ½" rounded shaped crush gravel at bottom/base of the tank.	Cft	16649.16
10	Providing & fixing Railing fabricated from G.I. pipes of 2" dia including excavation for balustrades and holding the balustrades in place with concrete ratio 1:2:4 including painting with three coats of enamel paint over a coat of rust inhibiting paint, complete as per drawings and specifications and as directed by the Engineer		
A	Excavation	Cft	530



B	Concrete 1:2:4	Cft	530
C	G. I. pipe Railing	Rft	3,810
11	Providing and laying smoothly finished fairfaced plain cement concrete 1:2:4 in steps using OP cement using fairfaced formwork and with approved quality graded crush and approved quality sand, including, formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer.	Each	40

SECTION 1B ( Re Modelling Pond Nos 6)

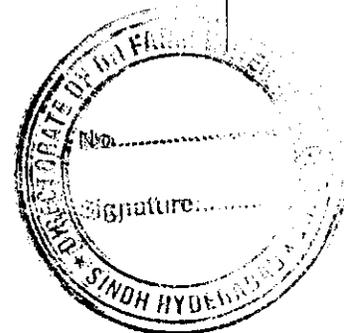
1	Excavation in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5. ft (1.52m) and lead upto one chain (30.5m). (this item includes dewatering work)	Cft	1,264,400
2	Spraying and injecting lime powder on surface of excavation to remove weeds and other undesirable growth of flora to prepare the surface to receive geo membrane complete as per drawings and specifications and as directed by the Engineer	Sft	197,492
3	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	197,492
4	Providing and laying Geo-Grid 2" thick of approved quality for reservoirs at base of the tank	Sft	152782
5	Providing and laying Geo-Grid 4" thick of approved quality for reservoirs at slopes of the tank including shoulders.	Sft	303379
6	Providing and laying smoothly finished barefaced plain cement concrete 1:2:4 in Slopes & Shoulders using OP cement using barefaced formwork and with approved quality graded	Sft	91396.83



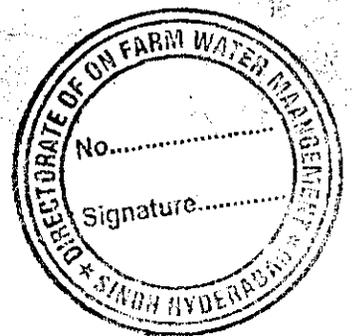
7	crush and approved quality sand, including, formwork and all mixing, pouring, Roding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and piumb as per drawings, specifications and as directed by the Engineer. Providing and filling ½" rounded shaped crush gravel at bottom/base of the tank.	Cft	25463.67
8	Providing & fixing Railing fabricated from G.I. pipes of 2: dia including excation for balustrades and holding the balustrades in place with concrete ratio 1:2:4 including painting with three coats of enamel paint over a coat of rust inhibiting paint, complete as per drawings and specifications and as directed by the Engineer		
A	Excavation	Cft	180
B	Concrete 1:2:4	Cft	180
C	G. I. pipe Railing	Rft	1,078
9	Providing and laying smoothly finished fairfaced plain cement concrete 1:2:4 in steps using OP cement using fairfaced formwork and with approved quality graded crush and approved quality sand, including, formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and piumb as per drawings, specifications and as directed by the Engineer.	Each	20

SECTION 1-C ( New Ponds Nos 3,4,5 and 7)

S. No.	Description	Unit	Qty
1	Excavation in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).	Cft	12,080,475



4	Spraying and injecting lime powder on surface of excavation to remove weeds and other undesirable growth of flora to prepare the surface to receive geo membrane complete as per drawings and specifications and as directed by the Engineer	Sft	851,760
5	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	851,760
6	Providing and laying Geo-Grid 2" thick of approved quality for reservoirs at base of the tank	Sft	548381
	Providing and laying Geo-Grid 4" thick of approved quality for reservoirs at slopes of the tank including shoulders.	Sft	303379
	Providing and laying smoothly finished barefaced plain cement concrete 1:2:4 in Slopes & Shoulders using OP cement using barefaced formwork and with approved quality graded crush and approved quality sand, including, formwork and all mixing, pouring, Roding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer.	Cft	100115.87
	Providing and filling 1/2" rounded shaped crush gravel at bottom/base of the tank.	Cft	91396.83
7	Providing & fixing Railing fabricated from G.I. pipes of 2: dia including excation for balustrades and holding the balustrades in place with concrete ratio 1:2:4 including painting with three coats of enamel paint over a coat of rust inhibiting paint, complete as per drawings and specifications and as directed by the Engineer	Cft	1,170
a	Excavation	Cft	1,170
b	Concrete 1:2:4	Rft	7,000
c	G. I. pipe Railing		



8	Providing and laying smoothly finished fairfaced plain cement concrete 1:2:4 in steps using OP cement using fairfaced formwork and with approved quality graded crush and approved quality sand, including, formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer.	Each	64
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**SECTION 2-A ( Re-Modelling)**

S. No.	Description	Unit	Qty
1	Excavation in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).	Cft	8,440
2	Filling the excavated stuff in trenches / water course in layers i.e. watering, ramming to full compaction etc. complete as per drawings and specifications and as directed by the Engineer.	Cft	230

3	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	17,635
4	Providing & Laying graunlar filter material 3" thick over the geo membrane, complete as per drawings and specifications and as directed by the Engineer	Sft	17,635
5	Providing & Laying 3" thick brick lining consisting of firs t class burnt bricks over the filter media, complete as per drawings and specifications and as directed by the Engineer	Sft	17,635
6	Construction of R.C.C chambers per approved design comprising excavation, back filling, C.C. 1:4:8 concrete. R.C.C. 1:2:4 in foundation 6" thick and top slab 6" thick, steel reinforcement barsad 5 lbs/Cft, 8" thick 1:3:6 C.C. solid block masonar wall set in 1:6 cement sand Martor, 2" thick 1:2:4 cement concrete flooring, 1/2" thick 1:3 cement sand plaster inside surfaces, complete. Completion in all respect as shown on the drawings.	Each	-

**SECTION 2-B ( New Water Course)**

S. No.	Description	Unit	Qty
1	Excavation in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).	Cft	251,700
2	Filling the excavated stuff in trenches / water course in layers i.e.watering, ramming to full compaction etc. complete as per drawings and specifications and as directed by the Engineer.	Cft	-

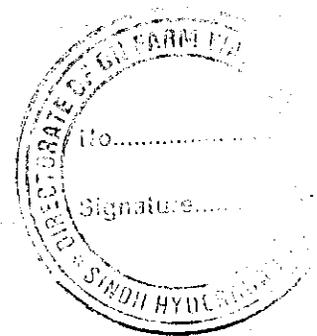
3	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	175,730
4	Providing & Laying graunlar filter material 3" thick over the geo membrane, complete as per drawings and specifications and as directed by the Engineer	Sft	175,730
5	Providing & Laying 3" thick brick lining consisting of first class burnt bricks over the filter media, complete as per drawings and specifications and as directed by the Engineer	Sft	175,730
6	Construction of R.C.C chambers per approved design comprising excavation, back filling, C.C. 1:4:8 concrete. R.C.C. 1:2:4 in foundation 6" thick and top slab 6" thick, steel reinforcement barsad 5 lbs/Cft, 8" thick 1:3:6 C.C. solid block masonar wall set in 1:6 cement sand Martor, 2" thick 1:2:4 cement concrete flooring, 1/2" thick 1:3 cement sand plaster inside surfaces, complete. Completion in all respect as shown on the drawings.	Each	2

**SECTION 3-A (From Pond # 4 to Mir Muhammad Jatoi Goth)  
DRINKING WATER SUPPLY PIPING WORKS**

S. No.	Description	Unit	Qty
1	Excavation for pipe line in trenches and pits in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).	Cft	6,870
2	Refilling the excavated stuff in trenches 6" thick layer i.e. watering, ramming to full compaction etc. complete.	Cft	6,870



3	Supply lay and compact screened coarse sand of A3 AASHTO Classification in trenches for Pipe bedding and on side and top of pipe to the required thickness and grades as shown on drawings in accordance with specifications or as directed by the Engineer	Cft	755
4	Cement concrete plain 1:2:4 including placing, compacting, finishing and curing etc. complete. (encasement & thrust block)	Cft	250
5	Supplying & staking uPVC pipe class "C" with rubber ring of approved make and quality conforming to BSS-3505 and PSI-3051-1991 & Rubber ring to PS-1915 in Trenches including transportation etc. complete and as per drawing specifications and instruction of Engineer-in-Charge. pipe 4" dia	Rft	1,145
6	Providing and fixing cast iron sluice valve of approved make and quality according to standard specification, testing etc. including transportation complete.	Nos	1
7	Construction of R.C.C valve chambers of following sizes as per approved design for sluice valve 3" to 12" dia comprising excavation, back filling, C.C. 1:4:8 concrete. R.C.C. 1:2:4 in foundation 6" thick and top slab 6" thick, steel reinforcement barsad 5 lbs/Cft, 8" thick 1:3:6 C.C. solid block masonar wall set in 1:6 cement sand Martor, 2" thick 1:2:4 cement concrete flooring, 1/2" thick 1:3 cement sand plaster inside surfaces, cost iron cover with frame weighting 50 kg 1" thick in 1:4 cement sand roof topping, fixing of foot rest/Rung at 2 1/2 C/C etc. complete. Completion in all respect as shown on the drawings.  i) 3 feet x 3 feet x 6 feet deep (Inside dimension)	each	1



DRINKING WATER SUPPLY PIPING WORKS  
SECTION 3-B (From Pond # 6 to Ajaib Soomro Goth)

S. No.	Description	Unit	Qty
1	Excavation for pipe line in trenches and pits in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).	Cft	8,040
2	Refilling the excavated stuff in trenches 6" thick layer i.e.watering, ramming to full compaction etc. complete.	Cft	8,040
3	Supply lay and compact screened coarse sand of A3 AASHTO Classification in trenches for Pipe bedding and on side and top of pipe to the required thickness and grades as shown on drawings in accordance with specifications or as directed by the Engineer	Cft	885
4	Cement concrete plain 1:2:4 including placing, compacting, finishing and curing etc. complete. (encasement & thrust block)	Cft	292
5	Supplying & staking uPVC pipe class "C" with rubber ring of approved make and quality conforming to BSS-3505 and PSI-3051-1991 & Rubber ring to PS-1915 in Trenches including transportation etc. complete and as per drawing specifications and instruction of Engineer-in-Charge.  pipe 4" dia	Rft	1,340
6	Providing and fixing cast iron sluice valve of approved make and quality according to standard specification, testing etc. including transportation complete.	Nos	1



Construction of R.C.C valve chambers of following sizes as per approved design for sluice valve 3" to 12" dia comprising excavation, back filling, C.C. 1:4:8 concrete. R.C.C. 1:2:4 in foundation 6" thick and top slab 6" thick, steel reinforcement barsad 5 lbs/Cft, 8" thick 1:3:6 C.C. solid block masonar wall set in 1:6 cement sand Martor, 2" thick 1:2:4 cement concrete flooring, 1/2" thick 1:3 cement sand plaster inside surfaces, cost iron cover with frame weighting 50 kg 1" thick in 1:4 cement sand roof topping, fixing of foot rest/Rung at 2 1/2 C/C etc. complete. Completion in all respect as shown on the drawings.

i) 3 feet x 3 feet x 6 feet deep (Inside dimension)

each

1

#### DRINKING WATER SUPPLY PIPING WORKS

#### SECTION 3-C (From Ajaib Soomro Goth to Ilyas Soomro Goth)

S. No.	Description	Unit	Qty
1	Excavation for pipe line in trenches and pits in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).	Cft	26,700
2	Refilling the excavated stuff in trenches 6" thick layer i.e.watering, ramming to full compaction etc. complete.	Cft	26,700
3	Supply lay and compact screened coarse sand of A3 AASHTO Classification in trenches for Pipe bedding and on side and top of pipe to the required thickness and grades as shown on drawings in accordance with specifications or as directed by the Engineer	Cft	2,940
4	Cement concrete plain 1:2:4 including placing, compacting, finishing and curing etc. complete. (encasement & thrust block)	Cft	971

5 Supplying & staking uPVC pipe class "C" with rubber ring of approved make and quality conforming to BSS-3505 and PSI-3051-1991 & Rubber ring to PS-1915 in Trenches including transportation etc. complete and as per drawing specifications and instruction of Engineer-in-Charge.

pipe 4" dia

Rft

4,450

6 Providing and fixing cast iron sluice valve of approved make and quality according to standard specification, testing etc. including transportation complete.

Nos

2

7 Construction of R.C.C valve chambers of following sizes as per approved design for sluice valve 3" to 12" dia comprising excavation, back filling, C.C. 1:4:8 concrete. R.C.C. 1:2:4 in foundation 6" thick and top slab 6" thick, steel reinforcement barsad 5 lbs/Cft, 8" thick 1:3:6 C.C. solid block masonar wall set in 1:6 cement sand Martor, 2" thick 1:2:4 cement concrete flooring, 1/2" thick 1:3 cement sand plaster inside surfaces, cast iron cover with frame weighting 50 kg 1" thick in 1:4 cement sand roof topping, fixing of foot rest/Rung at 2 1/2 C/C etc. complete. Completion in all respect as shown on the drawings.

i) 3 feet x 3 feet x 6 feet deep (Inside dimension)

each

2

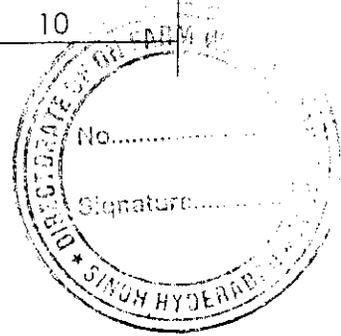
### DRINKING WATER RCC TANKS

#### SECTION 4-A ( Mir Muhammad Jatoi Goth)

S. No.	Description	Unit	Qty
1	Excavation and backfilling in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).	Cft	12,600



2	Providing and laying lean cement concrete 1:4:8 with OP cement using timber formwork and with approved quality graded crush and approved quality sand, meeting with the specifications for required concrete strength including formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer.	Cft	2.070
3	Providing and laying smoothly finished fairfaced reinforced cement concrete 1:2:4 with OP cement using fairfaced formwork and with approved quality graded crush and approved quality sand, meeting with the specifications for required concrete strength including, formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer. (Steel reinforcement measured and paid separately).		
a	Base Slab	Cft	4,050
b	Columns	Cft	140
c	Walls	Cft	900
d	Top Slab & Beams	Cft	2,900
4	Providing & Fixing Heavy duty Cast Iron Manhole Covers in Top Slab CME or equivalent shown on drawings complete as per drawings and specifications and as directed by the Engineer	Each	4
5	Providing & fixing 3/4" dia G.I. bar rungs made from 3'-0" long bars at 12" centers including cutting bending and fixing in place complete as per drawings and specifications and as directed by the Engineer	Nos	12
5	providing & fixing 4" dia C.I. vent pipes with welded expanded mesh and hold fast, including three coats of enamel paint over a coat of rust resistant paint complete as per drawings and specifications and as directed by the Engineer	Nos	10



7	Providing, making and fixing steel reinforcement bars conforming to ASTM A-615, i/c cleanings, straightening, cutting, bending and placing in position with 18 gauge G.I. binding wire, steel chairs and concrete spacer blocks, all complete as per drawings, specifications and as directed by the Engineer.		
	Deformed Steel Grade 40	Tons	30
8	Providing & fixing in position 8" wide grooved PVC rubber seal including the filling of joints with approved caulking compound. The joints in PVC rubber strips to be properly overlapped with 4" lap withg proper vulcanizing all as per manufacturer's specificatin and as directed by the Engineer	Rft	270
	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	4,860

**DRINKING WATER RCC TANKS**  
**SECTION 4-B ( Ajaib Soomro Goth)**

S. No.	Description	Unit	Qty
1	Excavation and backfilling in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).	Cft	12,600
2	Providing and laying lean cement concrete 1:4:8 with OP cement using timber formwork and with approved quality graded crush and approved quality sand, meeting with the specifications for required concrete strength including formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer.	Cft	2,070

3	Providing and laying smoothly finished fairfaced reinforced cement concrete 1:2:4 with OP cement using fairfaced formwork and with approved quality graded crush and approved quality sand, meeting with the specifications for required concrete strength including, formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer. (Steel reinforcement measured and paid separately).		
a	Base Slab	Cft	4,050
b	Columns	Cft	140
c	Walls	Cft	900
d	Top Slab & Beams	Cft	2,900
4	Providing & Fixing Heavy duty Cast Iron Manhole Covers in Top Slab CME or equivalent shwon on drawings complete as per drawings and specifications and as directed by the Engineer	Each	4
5	Providing & fixing 3/4" dia G.I. bar rungs made from 3'-0" long bars at 12" centers includin cutting bending and fixing in place complete as per drawings and specifications and as directed by the Engineer	Nos	12
6	providing & fixing 4" dia C.I. vent pipes with welded expanded mesh and hold fast, including three coats of enamel paint over a coat of rust resistant paint complete as per drawings and specifications and as directed by the Engineer	Nos	10
7	Providing, making and fixing steel reinforcement bars conforming to ASTM A-615, i/c cleanings, straightening, cutting, bending and placing in position with 18 gauge G.I. binding wire, steel chairs and concrete spacer blocks, all complete as per drawings, specifications and as directed by the Engineer.		
	Deformed Steel Grade 40	Tons	30

8	Providing & fixing in position 8" wide grooved PVC rubber seal including the filling of joints with approved caulking compound. The joints in PVC rubber strips to be properly overlapped with 4" lap with proper vulcanizing all as per manufacturer's specification and as directed by the Engineer	Rft	270
	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	4,860

**DRINKING WATER RCC TANKS  
SECTION 4-C ( Ilyas Soomro Goth)**

S. No.	Description	Unit	Qty
1	Excavation and backfilling in all kind of soil of Murrum i/c trimming and dressing sides to true aligned and slope levelling of beds of Trenches to correct levels and grade, cutting, jointing holes and disposal of surplus earth with in one chain as directed by the Engineer Incharge, providing fence guard lights flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52m) and lead upto one chain (30.5m).	Cft	12,600
2	Providing and laying lean cement concrete 1:4:8 with OP cement using timber formwork and with approved quality graded crush and approved quality sand, meeting with the specifications for required concrete strength including formwork and all mixing, pouring, rodding, compaction with vibrators and curing, all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer.	Cft	2,070



8	Providing & fixing in position 8" wide grooved PVC rubber seal including the filling of joints with approved caulking compound. The joints in PVC rubber strips to be properly overlapped with 4" lap withg proper vulcanizing all as per manufacturer's specificatin and as directed by the Engineer	Rft	270
	Providing & Laying 0.25mm thick geo membrane waterproofing material as per manufacturer's specifications on external walls and under base slab, complete as per drawings and specifications and as directed by the Engineer	Sft	4,860

**ALLIED ACCESORIES / STRUCTURES  
SECTION 5**

S. No.	Description	Unit	Qty
1	Construction of 04 Pump Rooms (civil works) Size 14'-0" x 10'-0" each complete as per darwings and specifications and as directed by the Engineer	Sft	560
2	Construction of 02 Generator Rooms (civil works) Size 10'-0" x 8'-0" each, complete as per darwings and specifications and as directed by the Engineer	Sft	160
3	Providing fabricating and fixing in place Penstock gate 20 sft area consisting of gate manufactured from Mild Steel Plates and structural members including MS Frame including painting with one coat of rust inhibiting paint and one coat of epoxy paint as per manufacturer's specifications. Spandrel to be manufactured form Stainless steel including construction of RCC structure to house the gate, complete as per drawings and specifications and as directed by the Engineer	Each	3
4	Providiing & Fixing and testing hand pumps for drawing water from underground source including cost of boring, and including providing and laying shrouding material around filter pipes complete as per drawings and specifications and as directed by the Engineer	Each	10

5

Constructing slow sand filter for 1000 persons including Supplying and stacking at site filter sand for slow sand filter of effective size 0.25 to 0.4 mm including double screening washing and sprading the same in filter lads to proper level etc. complete (compacted thickness will be considered for payment

Nos

3

Providing installing testing and commissioning Solar powered Generator 20kVA complete with all accesories, spares etc. and to be installedand tested as per manufacturer's instructions

Nos

2

Providing installing testing and commissioning Water Pumps 6" x 5" with suction and delivery pipes complete with all accesories, spares etc. and to be installedand tested as per manufacturer's instructions

Nos

4

Providing installing testing and commissioning electrical / mechanical works for installation, testing and commisioning of 02 generators and allied 04 water pumps including providing & laying Electrical cables of appropriate sizes buried in trenches, complete as per drawings and specifications and as directed by the Engineer

Job

1

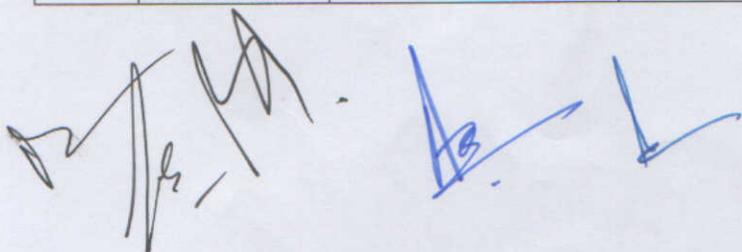


## Bid Evaluation Report

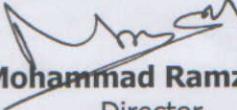
1. Name of Procuring Agency: Director On Farm Water Management, Sindh, Hyderabad
2. Tender Reference No: OFWM/WCD/Tender/RES-Thatta/2012/1436 dated:16.4.2012, (SPPRA ID No. 7803/2012).
3. Tender Description/Name of work/item: (1) Construction of 7 Reservoirs (3- Remodeling and 4- New)  
(2) Construction of Watercourses (1- New and 1- Rehabilitation)  
(3) Drinking Water Supply Piping works,  
(4) Construction of 3- Drinking Water RCC Tanks and  
(5) Allied Civil Work / Structures and Electrical / Mechanical works under the scheme "Pilot Project for Sustainable Agriculture through Storage Tanks in Thatta".
4. Method of Procurement: Single stage (2) envelopes
5. Tender Published: In Daily Ummat, Times, Masawat and Hilal-e-Pakistan dated:20.4.2012, daily Ibrat and News dated:21.4.2012, (SPPRA ID No. 7803/2012).
6. Total Bid documents Sold; (4) Four
7. Total Bids Received: (1) One
8. Technical Bid Opening date: 28.5.2012 (Attached Annexure - A)
9. No. of Bid technically qualified (if applicable): (1) One
10. Bid(s) Rejected: None
11. Financial Bid Opening date: 31.5.2012

### 12. Bid Evaluation Report:

S No	Name of Firm or 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 China Harbour Engineering Company Ltd. Karachi.	PKR: 297,169,621.00	Sole Bidder	270,364,000	Technically acceptable bid	



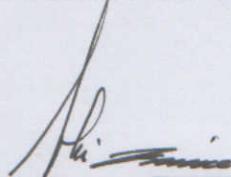
**Signatures of the Members of the Committee.**



**(Engr. Mohammad Ramzan Baprani)**

Director  
OFWM, Sindh Hyderabad

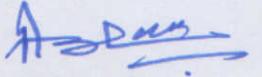
Member Secretary



**(Shahbuddin Siqqiqi)**

Director General,  
Agriculture Extension  
Sindh, Hyderabad

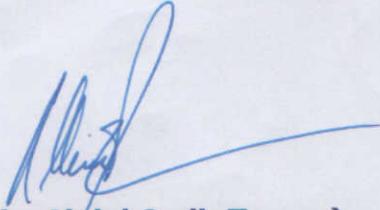
Member



**(Aslam Ali)**

Technocrat  
Agriculture Department  
Sindh, Karachi

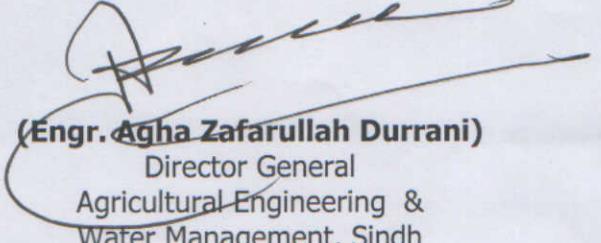
Member



**(Engr. Agha Abdul Qadir Tareen)**

Additional Secretary (Tech)  
Agriculture Department  
Government of Sindh  
Karachi

Member



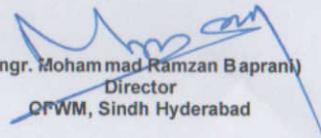
**(Engr. Agha Zafarullah Durrani)**

Director General  
Agricultural Engineering &  
Water Management, Sindh  
Hyderabad

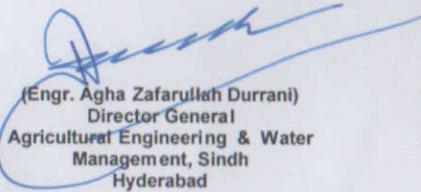
Convener

**EVALUATION SHEET OF TECHNICAL PROPOSAL SUBMITTED BY CONTRACTOR REGARDING "PILOT PROJECT FOR SUSTAINABLE AGRICULTURE THROUGH STORAGE TANK IN THATTA" ON TURNKEY BASIS, SPPRA ID-7803/2012**

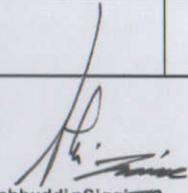
S.No.	Items	M/s China Harbour Engineering Company Ltd. Karachi.
1	<b>Company Profile:</b> Attached details which includes, description, locations, value of work, year of completion, name and address of clients. Attached Profile.	Yes, Attached at Flag - A, Volume-1
2	<b>Firm must be Registered with Income Tax authorities:</b> Attached evidence.	Yes, Attached at Flag - B, Volume-1
3	<b>Firm must be Registered with Pakistan Engineering Council under appropriate category:</b> Attached evidence.	Yes attached at Flag - C, Volume - 1
4	<b>Local Experience:</b> (Minimum 5 Years of construction material supply) attach detailed evidences.	Yes, Attached at Flag - D, Volume - 1
5	<b>Financial status of the firm:</b> (Attached bank statement of at least last 3 years)	Yes, Attached at Flag - E, Volume - 1
6	<b>Warranty:</b> The contractor warrants to the purchaser that the Goods supplied under the contract, shall be brand new, free from defects and according to provided specifications.	Yes, at Flag - F, Volume - 1
7	<b>Schedule of Payment:</b> Claims/ payment on the basis of work done and measured. Final Payment on the completion and verification	Yes, Refer financial proposal, as mentioned at Flag G
8	<b>List of available staff:</b> Attached details indicating qualifications and experience.	Yes, Attached at Flag - H, Volume - 1
9	<b>List of Machinery and Equipment:</b> Attached details	Yes, Attached at Flag - I, Volume - 1

  
(Engr. Mohammad Ramzan Baprani)  
Director  
CPWM, Sindh Hyderabad

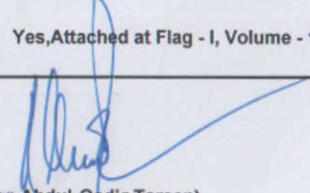
Member Secretary

  
(Engr. Agha Zafarullah Durrani)  
Director General  
Agricultural Engineering & Water  
Management, Sindh  
Hyderabad

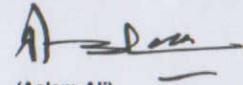
Convener

  
(Shahbuddin Siqqi)  
Director General,  
Agriculture Extension  
Sindh, Hyderabad

Member

  
(Engr. Agha Abdul Qadir Tareen)  
Additional Secretary (Tech)  
Agriculture department  
Government of Sindh  
Karachi

Member

  
(Aslam Ali)  
Technocrate  
Agriculture Department  
Sindh, Karachi

Member

31) ANY COMPLAINTS RECEIVED

(If yes, result thereof)

Yes	
No	√

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS

(If yes, give details)

Yes	
No	√

33) WAS THE EXTENSION MADE IN RESPONSE TIME?

(If yes, give reasons)

Yes	For pre bid meeting
No	

34) DEVIATION FROM QUALIFICATION CRITERIA

(If yes, give detailed reasons.)

Yes	
No	√

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT BLACK LISTED?

Yes	√	No	
-----	---	----	--

36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:

(If yes, enclose a copy)

Yes		No	√
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	√	No	
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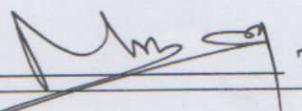
38) SPECIAL CONDITIONS, IF ANY

(If yes, give Brief Description)

Yes	<u>Attached as Annexure - D</u>
No	

39) Date of Award of Contract: 28-06-2012

Signature & Official Stamp  
Authorized Officer



**FOR OFFICE USE ONLY**

**DIRECTOR  
ON FARM WATER MANAGEMENT  
SINDH HYDERABAD.**

# SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

## CONTRACT EVALUATION FORM

**TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS**

- 1) NAME OF THE ORGANIZATION / DEPTT. On Farm Water Management, Sindh Hyderabad/  
Agriculture Department
- 2) PROVINCIAL / LOCAL GOVT./ OTHER Provincial
- 3) TITLE OF CONTRACT Pilot Project for Sustainable Agriculture through Storage  
Tanks in Thatta
- 4) TENDER NUMBER OFWM/WCD/Tender/RES-Thatta/2012/1436 dt: 16-4-2012  
(SPPRA ID-7803/2012)
- 5) BRIEF DESCRIPTION OF CONTRACT  
(1) Construction of 7 Reservoirs (3- Remodeling and 4- New)  
(2) Construction of Watercourses (1- New and 1- Rehabilitation)  
(3) Drinking Water Supply Piping works,  
(4) Construction of 3- Drinking Water RCC Tanks and  
(5) Allied Civil Work / Structures and Electrical / Mechanical  
works under the scheme "Pilot Project for Sustainable  
Agriculture through Storage Tanks in Thatta".
- 6) FORUM THAT APPROVED THE SCHEME Planning & Development Department Govt. of Sindh
- 7) TENDER ESTIMATED VALUE 270.364 million
- 8) ENGINEER'S ESTIMATE Same as above
- (For civil works only)
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 200 days
- 10) TENDER OPENED ON (DATE & TIME) Technical Proposal 28-5-2012 @ 2:30am,  
Financial Proposal 31-5-2012 @ 2:00pm
- 11) NUMBER OF TENDER DOCUMENTS SOLD 04 (Four) Attached as Annexure – A
- (Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED 01 (One)
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 01 (One)
- 14) BID EVALUATION REPORT Attached as Annexure – B
- (Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s China Harbour Engineering Company Ltd. Khi.
- 16) CONTRACT AWARD PRICE Rs.297,169,621.00
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT  
(i.e. 1st, 2nd, 3rd EVALUATION BID). Sole Bidder
- 18) METHOD OF PROCUREMENT USED : - (Tick one)

a) SINGLE STAGE – ONE ENVELOPE PROCEDURE \_\_\_\_\_

Domestic × / Local

b) SINGLE STAGE – TWO ENVELOPE PROCEDURE \_\_\_\_\_

√

c) TWO STAGE BIDDING PROCEDURE \_\_\_\_\_

×

d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE \_\_\_\_\_

×

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e.  
EMERGENCY, DIRECT CONTRACTING / NEGOTIATION ETC. WITH BRIEF REASONS:

**19) APPROVING AUTHORITY FOR AWARD OF CONTRACT** Purchase Committee of Agriculture. Deptt.  
Government of Sindh, Karachi

**20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?**

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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**21) ADVERTISEMENT:**

**i) SPPRA Website**

(If yes, give date and SPPRA Identification No.)

Yes	SPPRA ID- 7803/2012
<input checked="" type="checkbox"/>	S-No. 12188, Dated: 19-4-2012
No	<input type="checkbox"/>

**ii) News Papers**

(If yes, give names of newspapers and dates)

Yes	Daily Ummat, Times, Masawat and Hilal-e-Pakistan dated:20.4.2012, daily Ibrat and News dated:21.4.2012
<input checked="" type="checkbox"/>	
No	<input type="checkbox"/>

**22) NATURE OF CONTRACT**

Domestic/ Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
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**23) WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?**

(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

Attached as Annexure – C

**24) WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?**

(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

Attached as Annexure – D

**25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING?**

Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	-------------------------------------	----	-------------------------------------

**26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?**

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

**27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED BID / BEST EVALUATED BID (in case of Consultancies)**

Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	-------------------------------------	----	-------------------------------------

**28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY COMPLIANT?**

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

**29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS?**

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

**30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF CONTRACT?**

(Attach copy of the bid evaluation report)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

Attached as Annexure – D

S.No.	Items	Offer by Bidders (Negative or no response would be treated as non responsive bid)	
		Yes.	No.
1.	<b>Company Profile:</b> attach details which includes, description, locations, value of work, year of completion, name and addresses of clients. Attach Profile.	Yes.	No.
2.	<b>Firm must be registered with Income Tax authorities:</b> Attach evidence.	Yes.	No.
3.	<b>Firm must be registered with Pakistan Engineering Council under appropriate Category:</b> Attach evidence.	Yes.	No.
4.	<b>Local Experience:</b> (Minimum 5 years of construction material supply) attach detailed evidences.	Yes, evidences attached. Total experience _____ years.	No.
5.	<b>Financial Status of the Firm:</b> (Attached bank statement of at least last 3 years)	Yes bank statements attached: 1 <sup>st</sup> Year _____ MRs. 2 <sup>nd</sup> Year _____ MRs. 3 <sup>rd</sup> Year _____ MRs.	No.
6.	<b>Warranty:</b> The contractor warrants to the purchaser that the Goods supplied under the contract, shall be brand new, free from defects and according to provided specifications.	Yes, Agreed	Not Agreed.
7.	<b>Schedule of Payment:</b> Claims/Payment on the basis of work done and measured. Final Payment on the completion and verification.	Yes, Agreed	Not Agreed.
8.	<b>List of Available Staff:</b> Attach details indicating qualifications and experience.	Yes	No.
9.	<b>List of Machinery and Equipment:</b> Attach details.	Yes	No.

**10. Details of Work:**

**SECTION 1 (WATER RESERVOIRS)**

SECTION 1-A ( Re-Modelling Pond Nos 1 & 2)

SECTION 1-B ( Re-Modelling Pond Nos 6)

SECTION 1-C ( New Ponds Nos 3,4,5 and 7)

Yes Agreed	Not Agreed
Yes Agreed	Not Agreed
Yes Agreed	Not Agreed

**SECTION 2 (WATER COURSES)**

SECTION 2-A ( Re-Modelling)

SECTION 2-B ( New Water Course)

Yes Agreed	Not Agreed
Yes Agreed	Not Agreed

**SECTION 3 (PIPING FOR DRINKING WATER)**

SECTION 3-A (From Pond # 4 to Mir Muhammad Jatoi Goth)

SECTION 3-B (From Pond # 6 to Ajaib Soomro Goth)

SECTION 3-C (From Ajaib Soomro Goth to Ilyas Soomro Goth)

Yes Agreed	Not Agreed
Yes Agreed	Not Agreed
Yes Agreed	Not Agreed

**SECTION 4 (DRINKING WATER TANKS)**

SECTION 4-A ( Mir Muhammad Jatoi Goth)

SECTION 4-B ( Ajaib Soomro Goth)

SECTION 4-C ( Ilyas Soomro Goth)

Yes Agreed	Not Agreed
Yes Agreed	Not Agreed
Yes Agreed	Not Agreed

**SECTION 5 (ALLIED ACCESSORIES)**

ALLIED ACCESSORIES ( Pump rooms, Generator rooms, sand filters, testing etc.)

Yes Agreed	Not Agreed
------------	------------

**SURVEY AND DESIGN**

Yes Agreed	Not Agreed
------------	------------

**ALL RELEVANT BOXES MUST BE SIGNED**

**LIST OF BUYERS**

1	M/s China Harbour Engineering Company Ltd. AK Tower Street-E Zamzama Commercial Area, DHA,Karachi.
2	M/S M.N International, Hyderabad Sindh.
3	M/S Haji Bashir Ahmed Soomro, Government Contractor, Hyderabad.
4	M/S Manik & Co, Government Contractor, General Order Supplier, Karachi.

## Bid Evaluation Report

1. Name of Procuring Agency: Director On Farm Water Management, Sindh, Hyderabad ✓
2. Tender Reference No: OFWM/WCD/Tender/RES-Thatta/2012/1436 dated:16.4.2012, ✓  
(SPPRA ID No. 7803/2012. ✓)
3. Tender Description/Name of work/item: (1) Construction of 7 Reservoirs (3- Remodeling and 4- New)  
(2) Construction of Watercourses (1- New and 1- Rehabilitation)  
(3) Drinking Water Supply Piping works,  
(4) Construction of 3- Drinking Water RCC Tanks and  
(5) Allied Civil Work / Structures and Electrical / Mechanical works under the scheme "Pilot Project for Sustainable Agriculture through Storage Tanks in Thatta".
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5. Tender Published: In Daily Ummat, Times, Masawat and Hilal-e-Pakistan dated:20.4.2012, daily Ibrat and News dated:21.4.2012, (SPPRA ID No. 7803/2012..
6. Total Bid documents Sold; (4) Four
7. Total Bids Received: (1) One
8. Technical Bid Opening date: 28.5.2012 (Attached Annexure - A) ✓
9. No. of Bid technically qualified (if applicable): (1) One
10. Bid(s) Rejected: None
11. Financial Bid Opening date: 31.5.2012

### 12. Bid Evaluation Report:

<i>S No</i>	<i>Name of Firm or Bidder</i>	<i>Cost offered by the Bidder</i>	<i>Ranking in terms of cost</i>	<i>Comparison with Estimated cost</i>	<i>Reasons for acceptance/ rejection</i>	<i>Remarks</i>
0	1	2	3	4	5	6
1.	M/s China Harbour Engineering Company Ltd. Karachi.	PKR: 297,169,621.00	Sole Bidder	270,364,000	Technically acceptable bid	



Signatures of the Members of the Committee.



**(Engr. Mohammad Ramzan Baprani)**

Director  
OFWM, Sindh Hyderabad

Member Secretary



**(Shahbuddin Siqqiqi)**

Director General,  
Agriculture Extension  
Sindh, Hyderabad

Member



**(Aslam Ali)**

Technocrat  
Agriculture Department  
Sindh, Karachi

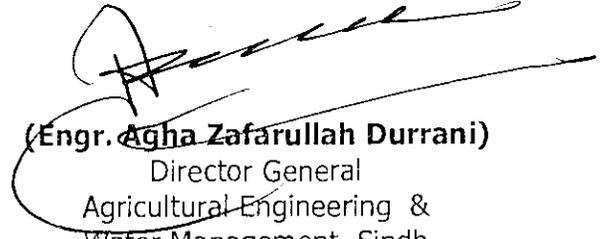
Member



**(Engr. Agha Abdul Qadir Tareen)**

Additional Secretary (Tech)  
Agriculture Department  
Government of Sindh  
Karachi

Member



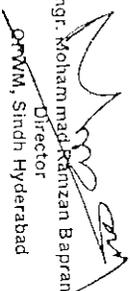
**(Engr. Agha Zafarullah Durrani)**

Director General  
Agricultural Engineering &  
Water Management, Sindh  
Hyderabad

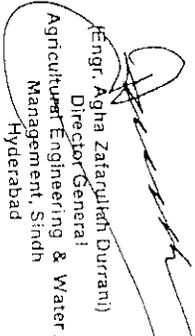
Convener

EVALUATION SHEET OF TECHNICAL PROPOSAL SUBMITTED BY CONTRACTOR REGARDING "PILOT PROJECT FOR SUSTAINABLE AGRICULTURE THROUGH STORAGE TANK IN THATTA" ON TURNKEY BASIS, SPPRA ID-7803/2012

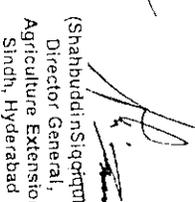
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3	Firm must be Registered with Pakistan Engineering Council under appropriate category: Attached evidence.	Yes attached at Flag - C, Volume - 1
4	Local Experience: (Minimum 5 Years of construction material supply) attach detailed evidences.	Yes, Attached at Flag - D, Volume - 1
5	Financial status of the firm: (Attached bank statement of atleast last 3 years)	Yes, Attached at Flag - E, Volume - 1
6	Warranty: The contractor warrants to the purchaser that the Goods supplied under the contract, shall be brand new, free from defects and according to provided specifications.	Yes, at Flag - F, Volume - 1
7	Schedule of Payment: Claims/ payment on the basis of work done and measured. Final Payment on the completion and verification	Yes, Refer financial proposal, as mentioned at Flag G
8	List of available staff: Attached details indicating qualifications and experience.	Yes, Attached at Flag - H, Volume - 1
9	List of Machinery and Equipment: Attached details	Yes, Attached at Flag - I, Volume - 1

  
(Engr. Mohamamd Ramzan Bapran)  
Director  
SPPRA, Sindh Hyderabad

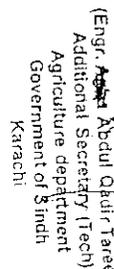
Member Secretary

  
(Engr. Agha Zafarullah Durran)  
Director General  
Agriculture Engineering & Water  
Management, Sindh  
Hyderabad

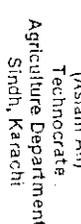
Convener

  
(Shahbuddin Siquon)  
Director General,  
Agriculture Extension  
Sindh, Hyderabad

Member

  
(Engr. Abdul Qadir Tareen)  
Additional Secretary (Tech)  
Agriculture department  
Government of Sindh  
Karachi

Member

  
(Aslam Ali)  
Technocrat  
Agriculture Department  
Sindh, Karachi

Member