



KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE RESIDENT ENGINEER DHABEJI (PUMPING) DIVISION

Cell No.0333-2205474

Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town, Distt: Thatta

No. RE/Dhabeji(P)/NIT/2015-16/ 746

Dated : 05/4/ 2016

NOTICE INVITING TENDERS

(Through Press)

(ON ITEM RATE BASIS)

Sealed Tenders are invites single stage – single envelope system as per SPPRA Rules-2010 for the following works :-

Estimated Cost below 2.5 Million

1.	Name of Works	1). REPAIR / MAINTENANCE AND REPLACEMENT OF WORN-OUT PARTS OF 35 MGD WEIR PUMP SET 'E' AT K-2 PUMP HOUSE, DHABEJI. 2). OVERHAULING OF 24 MGD CAPACITY MAN PUMP TYPE RRS-7 (SPL) NO.5 OF 2 ND . PHASE PUMP HOUSE, DHABEJI. 3). REPAIR / RECONDITIONING OF CYLINDER LINER OF ENGINE NO.5 G7V-40/60 OF 1 ST .PHASE PUMP HOUSE, DHABEJI 4). REPAIR / MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO.2 BY REPLACEMENT OF WORN-OUT PARTS OF K-3 PUMP HOUSE, DHABEJI.
2.	Eligibility of Contractor	Bidder / Contractor having NTN / Sales Tax and Contractor should be registered with Sindh Revenue Board in terms of Rule-46(1)(iii) of SPP Rules, 2010 (Amended 2014). Three years Turnover must be attached with the Tender.
3.	Experience of Works	Three years Experience Certificate of similar of job must be attached with the Tender
4.	Tender can be Purchased	Tender documents will be available for sale from the office of the Accounts Officer (Revenue), Finance Department, KW&SB having his office at 1 st . Floor, KW&SB Head Office, Civic Centre Annex. Building, Gulshan-e-Iqbal, Karachi between 09.00A.M. to 01.00P.M.
5.	Bid Security	02% of the Quoted Amount in shape of Pay Order / Bank Draft in favour of Karachi Water & Sewerage Board
6.	Tenders Cost of works	1). Rs.2,000/= 2). Rs.1,500/= (Non-refundable in shape of Pay order in 3). Rs.1,500/= favour of KW&SB) 4). Rs.2,000/=
7.	Last date of Issuing	W.e.f. 1 st . Publication date to 03/5 /2016 between 09.00A.M. to 01.00P.M.
8.	Date & Time of submission and Opening of Tender.	Submission of Tender at 04/5/ 2016 at 2:00 pm and Opening of Tender at 2:30 pm on same day.

9.	Place of opening.	The Procurement Committee-I, KW&SB at the Office of the Convener / Chief Engineer (IP&D), Room No.5, Block "E", at 9 th Mile, Shahrah-e-Faisal, Karsaz, Karachi.
10	Source of Funding	KW&SB's own fund of current financial year 2015-2016.
11.	Scope of works	For Improvement, smooth & un-interrupted pumping of drinking water to the Karachi city from Dhabeji (Pumping) Division, KW&SB

Note:-

1. Tender can be seen and download from SPPRA website www.pprasindh.gov.pk
2. The participants must quote the rates both in words and figures. Incomplete / Conditional Tenders will not be accepted.
3. In case of any undesirable circumstances arise on the submission / opening Date & Time or if Government declares the Holiday, the Tender shall be submitted / opened on next working day at the same time and venue.
4. The Procuring agency may reject any bid subject to relevant provision of SPP Rules, 2010 and may cancel the bidding process at any time prior to acceptance of bid or proposal as per Rule-25 of said rules.
5. Conditional bid cannot be accepted.
6. Bid must be in sealed cover and experience certificate for Three years of similar nature of job must be attached with the bid.
7. Specifications and details regarding above jobs can be seen and discussed with Resident Engineer, Dhabeji (Pumping) Div. in Division Office situated at Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town, Distt: Thatta at any working day during office hours and **Contact No.0333-2205474** at any working day during office hours.
8. Debarred Contractors bid cannot be accepted.

KARACHI WATER AND SEWERAGE BOARD



Karachi Water & Sewerage Board

OFFICE OF THE RESIDENT ENGINEER DHABEJI (PUMPING) DIVISION

Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town, Distt. Thatta

Cell No. 0333-2205474

NOTICE INVITING TENDERS

(Through Press)

(ON ITEM RATE BASIS)

Sealed Tenders are invited on single stage - Single Envelop System as per SPPRA Rules-2010 for the following works:

Estimated Cost below 2.5 Million

1	Name of works	1) REPAIR / MAINTENANCE AND REPLACEMENT OF WORN - OUT PARTS OF 35 MGD WEIR PUMP SET 'E' AT K-2 PUMP HOUSE, DAHBEJI.
		2) OVERHAULING OF 24 MGD CAPACITY MAN PUMP TYPE RRS-7 (SPL) NO.5 OF 2ND PHASE HOUSE PUMP DAHBEJI.
		3) REPAIR / RECONDITIONING OF CYLINDER LINNER OF ENGINE NO. 5 G7V-40/60 OF 1ST PHASE PUMP HOUSE DHABEJI.
		4) REPAIR / MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO. 2 BY REPLACEMENT OF WORN-OUT PARTS OF K-3 PUMP HOUSE, DHABEJI.
2	Eligibility of Contractor	Bidder / Contract having NTN / Sales Tax and Contractor should be registered with Sindh Revenue Board in terms of Rule-46(1) (iii) of SPP Rules, 2010 (Amended 2014). Three years Turnover must be attached with the tender.
3	Experience of Works	Three years Experience Certificate of similar job must be attached with the Tender.
4	Tender can be purchased	Tender documents will be available for sale from the office of the Accounts officer (Revenue), Finance Department, KW&SB having his office at 1st Floor, KW&SB Head Office, Civic Centre Annex. Building, Gulshan-e-Iqbal. Karachi 09:00 a.m TO 01:00 p.m
5	Bid Security	2% Of The Quoted Amount in shape of Pay Order / Bank Draft in favour of Karachi Water & Sewerage Board.
6	Tenders Cost of works	1). Rs.2,000/- 2). Rs.1,500/- (Non-refundable) in shape of Pay order 3). Rs.1,500/- in favour of KW&SB). 4). Rs.2,000/-
7	Last date of issuing	W.e.f. 1st Publication date to 03-05-2016 between 09:00 A.M. to 01:00P.M
8	Date and time of submission and Opening of Tender	Submission of Tender at 04-05-2016 at 2:00 pm and Opening of Tender at 2:30 pm on same day
9	Place of Opening	The Procurement Committee-I, KW&SB at the Office of the Convener / Chief Engineer (IP&D), Room No. 5, Block "E", at 9th Mile, Shahrah-e-Faisal, Karsaz, Karachi
10	Source of Funding	KW&SB's own fund of current financial year 2015-2016.
11	Scope of Works	For improvement, smooth & un-interrupted pumping of drinking water to the Karachi city from Dhabeji (Pumping) Division, KW&SB

Note:

1. Tender can be seen and download from SPPRA website www.pprasindh.gov.pk.
2. The participants must quote the rates both in words and figures. Incomplete / Conditional Tenders will not be accepted.
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6. Bid must be in sealed cover and experience certificate for Three years of similar nature of job must be attached with the bid.
7. Specifications and details regarding above jobs can be seen and discussed with Resident Engineer, Dhabeji (Pumping) Div. in Division Office situated at Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town, Distt: Thatta at any working day during office hours and **Contact No.0333-2205474** at any working day during office hours.
8. Debarred Contractors bid cannot be accepted.

KWSB/DPR/2016/29

KARACHI WATER & SEWERAGE BOARD

Friday
APRIL 8, 2016

THE EXPRESS
TRIBUNE

Resident Engineer
Dhabeji Division (Pumping)
K.W & S.B.

کراچی واٹر اینڈ سیوریج بورڈ



دفتر برائے ریزیڈنٹ انجینئر دہابجی (پمپنگ) ڈویژن

دہابجی پمپنگ اسٹیشن، تحصیل میرپور ساکرو، دہابجی ٹائون، ضلع ٹھٹھہ

موبائل نمبر: 0333-2205474

طلبی نوٹس ٹینڈر

(بزرگہ پریس)

(آئٹم ریٹ کی بنیاد پر)

مندرجہ ذیل کام کیلئے SPPRA روڈ 2010 کے تحت منسلک اسٹیج منسلک اخافہ کے سیم پر سربراہ ٹینڈر مطلوب ہے۔
تخمینی لاگت 2.5 ملین سے کم

01-	کام کا نام	(1) - 35 MGD WEIR پمپ سیٹ 'E' واقع K-2 پمپ ہاؤس، دہابجی کے فرسودہ حصوں کی مرمت / منگیس اور تہہ پٹی۔ (2) - 2ND فیر ہاؤس پمپ دہابجی کے 24 MGD CAPACITY MAN پمپ ہاؤس RRS-7 (SPL) NO. 5 کی اور ہانگ۔ (3) - 1ST فیر پمپ ہاؤس دہابجی کے انجن نمبر 5 G7V-40/60 کے سلنڈر لائٹری مرمت اور سگی۔ (4) - K-3 پمپ ہاؤس، دہابجی کے فرسودہ حصوں کی تہہ پٹی کرتے ہوئے 35 MGD KSB پمپ ہاؤس RDLV-700-820A پمپ سیٹ نمبر 2 کی مرمت / منگیس۔
02-	ٹھیکیداری اہلیت	بولی دہندہ / ٹھیکیدار کا N.T.N. سائیکس اور ٹھیکہ SPP روڈ 2010 (ترمیم شدہ 2014) کے رول (iii) 46 کی شرائط میں سندھ ریونیو بورڈ سے رجسٹرڈ ہونا چاہئے۔ ٹینڈر کے ساتھ تین سال کا ٹران اور لازمی منسلک کریں۔ مشابہ کام کا تین سالہ تجربہ ٹھیکہ ٹینڈر کے ساتھ لازمی منسلک کریں۔
03-	کام کا تجربہ	
04-	ٹینڈر خریدنا جا سکتا ہے	ٹینڈر دستاویزات کا ڈسٹری بیوٹن (ریونیو)، فائٹس ڈپارٹمنٹ، KW&SB کے دفتر واقع 1st فلور، KW&SB ہیڈ آفس، سوک سینٹر، Annexy بلڈنگ، گلشن اقبال کراچی پر صبح 09:00 تا دوپہر 01:00 بجے تک فروخت کیلئے دستیاب ہونگے۔
05-	بولی کیڈرنی	کوٹ کی گئی رقم کا 2 فیصد بصورت پے آرڈر / بینک ڈرافٹ، بنام کراچی واٹر اینڈ سیوریج بورڈ۔
06-	ٹینڈر لاگت برائے کام	(1) - 2,000/- روپے (2) - 1,500/- روپے (3) - 1,500/- روپے (4) - 2,000/- روپے (قابل واپسی بصورت پے آرڈر بنام KW&SB)
07-	جاری کرنے کی آخری تاریخ	اشاعت کی پہلی تاریخ سے 03-05-2016 تک صبح 09:00 تا دوپہر 01:00 کے درمیان۔
08-	ٹینڈر جمع کرانے اور کھولنے کی تاریخ اور وقت	04-05-2016 کو دوپہر 02:00 بجے جمع ہونگے اور اسی دن 02:30 بجے کھولے جائیں گے۔
09-	کھولے جانے کا مقام	پروکیورمنٹ کمپنی، KW&SB واقع دفتر برائے کنوینر / چیف انجینئر (IP&D) انکرو نمبر 5 بلاک E واقع 9 میل، مشاہدہ فیصل، کارساز، کراچی۔
10-	ٹنڈر کا زریعہ	KW&SB کا ذاتی فنڈ برائے رواں مالی سال 2015-2016
11-	کام کی وسعت (اسکوپ)	دہابجی (پمپنگ) ڈویژن، KW&SB سے کراچی شہر کو پینے کے پانی کی بہادار اور بلا تھل پمپنگ کی بہتری کے لئے۔

نوٹ :-

- 1۔ ٹینڈر SPPRA ویب سائٹ www.pprasindh.gov.pk سے ڈاؤن لوڈ کیا جا سکتا ہے۔
- 2۔ امیدواران کو پیش لازمی طور پر لفظوں اور ہندسوں دونوں میں پرکرتا ہوگا۔ مکمل / مشروط ٹینڈرز قبول نہیں کئے جائیں گے۔
- 3۔ جمع کرانے / کھولے جانے والی تاریخ کو حکومت کی جانب سے اعلان کردہ چھٹی کی صورت میں، یا کسی وجہ سے غیر کام والا دن ہونے کی صورت میں، ٹینڈرز آئندہ باقاعدہ کام والے دن اسی وقت اور مقام پر جمع کئے جائیں گے اور کھولے جائیں گے۔
- 4۔ پروکیورمنٹ ایجنسی تمام یا کسی بھی بولی کو 2010-SPPRA روڈ کے متعلقہ قانون کے تحت مسترد کر سکتی ہے اور درج بالا روڈ کے رول 25 کے تحت بولی یا تجویز کے قبول کئے جانے سے پہلے بولی کاروائی کو منسوخ کر سکتی ہے۔
- 5۔ مشروط بولیاں قبول نہیں کی جائیں گی۔
- 6۔ بولی لازمی طور پر سربراہ ہوگی اور مشاہدہ نوٹس کا تین سال کا تجربہ ٹھیکہ لازمی منسلک کرنا ہوگا۔
- 7۔ درج بالا کام کے حوالے سے کوائف اور تفصیلات ریزیڈنٹ انجینئر، دہابجی (پمپنگ) ڈویژن کے دفتر واقع دہابجی پمپنگ اسٹیشن، تحصیل میرپور ساکرو دہابجی ٹائون، ضلع ٹھٹھہ سے کسی بھی کام والے دن دفتری اوقات کے دوران ریجسٹر کی جا سکتی ہیں اور 0333-2205474 پر کسی بھی کام والے دن دفتری اوقات کے دوران رابطہ کیا جا سکتا ہے۔
- 8۔ تاہندہ ٹھیکہ اراں کی بولیاں قبول نہیں کی جائیں گی۔

Resident Engineer
Dhabaji Division (Pumping)
KW & SB



KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IPD)

Block-B, 9th Mile Karsaz, Shahra-e-Faisal, Karachi

Telephone # 99245161

No.KW&SB/CE(IPD)/2013/236

Dated: /5-03-2013

OFFICE ORDER

In pursuance of Rule-07 of the Sindh Public Procurement Rules, 2010, instruction of SPPRA communicated vide No.Dir(Enf-I)/SPPRA/1-3/(GEN)/12-13/8001, dated: 26-02-2013 and with the approval of Managing Director, KW&SB, Procurement Committee is hereby re-constituted for performing the functions prescribed in Rule-08 of Rules ibid for the works for which evaluation report required to be hoisted on Sindh Public Procurement Authority's Web Site, as under:

S.No	Nominee	Position in P.C
1	Chief Engineer (IPD)	Convener
2	Chief Engineer (Concerned)	Member
3	Representative of D.G (TS) KMC	Member
4	Representative of Finance Advisor, KMC	Member
5	Accounts Officer (Concerned)	Member / Secretary

The office of the Convener / Chief Engineer (IPD), shall be headquarter for Procurement Committee.

The Concerned office of Chief Engineer shall maintain the record of procurement proceedings as required under Rule-9 of SPPRA 2010.

Uniform criteria for assessment of bids shall be used by all the Procurement Committees, to ensure uniformity of assessment of similar items and works.

✓ This modifies the earlier order bearing No.MD/KW&SB/2011/197/L dated:18-06-2011.

This issue with the approval of Managing Director, KW&SB.

Chief Engineer (IPD) KW&SB

Copy to:

1. The Managing Director, KW&SB.
2. The All DMD's KW&SB.
3. The All C.E's KW&SB.
4. The Assistant Director (LFA), KW&SB.
5. The P.S to Chairman, KW&SB.
6. The All Accounts Officer, KW&SB.

Copy also to:

1. The Administrator, KMC.
2. The Chief Officer / Municipal Commissioner, KMC.
3. The Director General (T.S), KMC.
4. The Financial Advisor, KMC.
5. The Director (C.B) SPPRA, GOS.





KARACHI WATER & SEWERAGE BOARD
HUMAN RESOURCES DEVELOPMENT AND ADMINISTRATION DEPARTMENT
PHONE NO. 021 - 99231464 - 021 - 99231463

No. KW&SB/D.M.D/HRD&A/919

Dated: 22-10-2015

OFFICE ORDER

With immediate effect, for compliance of Rule-31 of SPPR, A Complaint Redressal Committee (CRC) is constituted comprising of the following:

- | | | |
|----|--|------------------|
| 1. | Dy. Managing Director (Finance), KW&SB | Convener |
| 2. | Chief Engineer (Korangi), KW&SB | Member/Secretary |
| 3. | Chief Engineer (Central), KMC | Member |
| 4. | Director Administration, KMC | Member |
| 5. | Divisional Accounts Officer (South), KW&SB | Member |

This issues on the recommendation of Dy. Managing Director (TS) KW&SB, Dy. Managing Director (Planning), KW&SB and with the approval of Managing Director, KW&SB.


(Syed Shakeel Ahmed)
Dy. Managing Director (HRD&A)
KW&SB

DISTRIBUTION

1. Dy. Managing Director (TS) KW&SB
2. Dy. Managing Director (Finance) KW&SB/Convener Committee
3. Dy. Managing Director (Planning) KW&SB
4. Chief Engineer, Korangi, KW&SB/Member/Secretary Committee.
5. Chief Engineer, Central, KMC/Member of the Committee.
6. Director Administration, KMC/Member of the Committee.
7. Divisional Accounts Officer (South) KW&SB
8. Director (IT) KW&SB
9. Director Personnel, KW&SB
10. Director Administration, KW&SB
11. AD (LFA) KW&SB
12. AO (ESTT) KW&SB
13. Office Copy.
14. Master File.

c.c. to Managing Director, KW&SB

OFFICE OF THE RESIDENT ENGINEER DHABEJI DIVISION (PUMPING)

ANNUAL PROCUREMENT PLAN FOR THE YEAR 2015-16


S. NO	Description of Procurement	Quantity where applicable	Estimated unit Cost where applicable	Estimated Total Cost	Funds Allocated	Sources of Funds ADP/Non ADP	Proposed Procurement Method	Timing of Procurement			
								1 st Qrt	2 nd Qrt	3 rd Qrt	4 th Qrt
1	R/M OF 35 MGD MODIFIED WIER PUMP SET "B" BY REPLACEMENT OF WORNOUT PARTS AT K-2 P/H DHABEJI.	-	-	Rs. 2,513,890	6024-16 Rs. 10,00,00,000	KW&SB	Press/ Website	-	2 nd Qrt	-	-
2	MFG AND FIXING OF SPARE PARTS & REPAIR OF SUCTION CHANNEL FINE SEREEN OF 3RD PHASE P/H DHABEJI.	-	-	Rs. 2,684,948	6024-16	KW&SB	Press/ Website	-	2 nd Qrt	-	-
3	LOCAL MFG OF PISTON OIL RING AND CROME PRESSURE RING OF M.A.N ENGINE G7V-40/60 OF 1ST PHASE P/H DHABEJI.	-	-	Rs. 2,321,735	6024-16	KW&SB	Press/Webs ite	-	2 nd Qrt	-	-
4	LOCAL MFG OF KSB PUMP SHAFT TYPE RDLV-700-800A & P/F BEARING NO.7330 BCBM & 6326 C-3 I/C VERIOUS SERVICES OF SHAFT FOR P/SET NO 4 OF K-3 P/H DHABEJI.	-	-	Rs. 2,555,437	6024-16	KW&SB	Website	-	2 nd Qrt	-	-
5	S/O OF 1635 KWHT MOTOR NO "C" (METHER & PLATE) UK SLIP RING TYPE OF K-2 P/H DHABEJI.	-	-	Rs. 2,998,090	6024-16	KW&SB	Press/ Website	-	2 nd Qrt	-	-
6	LOCAL MFG OF SPARE PARTS OF FINE SCREEN & REPAIR OF SUCTION CHANNEL OF 4TH PHASE P/H DHABEJI.	-	-	Rs. 2,684,948	6024-16	KW&SB	Press/ Website	-	2 nd Qrt	-	-
7	R/M OF 35 MGD WIER P/SET "C" UNIGLIDE TYPE BY REPLACEMENT OF WORN OUT PARTS AT K-2 P/H DHANEJI. (PARA-58)	-	-	Rs. 4,142,300	6123-27 Rs. 1,20,00,000	KW&SB	Emergency work	-	2 nd Qrt	-	-

8	RE-MATELLING OF MAIN BEARING OF MAIN ENGINE G7V/40/60 OF 1ST PHASE P/H DHABEJI.	-	-	-	Rs. 2,741,200	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt	-
9	RE-MATELLING OF BIG END BEARING OF MAIN ENGINE G7V/40/60 1ST PHASE P/H DHABEJI.	-	-	-	Rs. 2,861,664	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt	-
10	R/M OF NRV 1000 mm DIA OF PUMP SET "D" AT K-2 P/H DHABEJI.	-	-	-	Rs 2,677,389	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt	-
11	RE-MATELLING OF BIG END BEARING OF MAIN ENGINE G7 V/40/60 OF 1ST PHASE P/H DHABEJI.	-	-	-	Rs 2,825,264	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt	-
12	R/M AND REPLACEMENT OF WORN OUT PARTS OF 35 MGD WIER P/SET "E" AT K-II P/H DHABEJI.	-	-	-	Rs 2,071,370	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt	-
13	R/M OF 35 MGD KSB PUMP TYPE RDLV/700-820A, P/SET NO.4 BY REPLACEMENT OF WORN OUT PARTS AT K-3 P/H DHABEJI.	-	-	-	Rs 2,125,318	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt	-
14	PROVIDING & INSTALLATION OF PUMP COOLING COIL OF MAIN PUMP TYPE RRS-7 (SPL) NO.2 OF 2ND PHASE P/H DHABEJI.	-	-	-	Rs 2,200,000	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt	-
15	RE-COND/RE-BUILD AND RE-FURBISHING OF DOUBLE ENTRY IMPELLER AND PUMP CASING OF 35 MGD WIER P/SET "E" AT K-2 P/H DHABEJI.	-	-	-	Rs 2,324,000	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt	-
16	R/R OF 1000 mm DIA SUCTION VALVE (SLICE VALVE) I/C REPLACEMENT OF SEATS OF VALVE FOR P/SET NO.6 OF K-III P/H DHABEJI.(B-20)	-	-	-	Rs 2,269,762	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt	-

17	S/O OF 1600 KW, 11KV, H.T MOTOR (SIEMENS MAKE) NO. 1 OF K-3 P/H DHABEJI.	-	-	Rs	2,547,402	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt
18	S/M OF INLET & OUTLET VALVE OF M.A.N ENGINE G7V-40/60 OF 1ST PHASE P/H DHABEJI. (B-20)	-	-	Rs	2,125,504	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt
19	MFG & PROVIDING OF SLIP RING SET FOR 1635 KW, H.T MOTORS AT K-II P/H DHABEJI.	-	-	Rs	2,220,800	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt
20	P/F OF ROLLER BEARING NO.20232 & R/R OF MULTIDIMENSIONAL PUMP CASING OF PUMP SET NO# 3 OF 1ST PHASE P/H DHABEJI. (B-20)	-	-	Rs	2,028,828	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt
21	LOCAL MFG OF UNIVERSAL YOKE JOINT i/c P/F THRUST BEARING EACH UNIVERSAL YOKE OF PRIMARY & SECONDARY SHAFT OF PUMP SET "A" AT K-II P/H DHABEJI.	-	-	Rs	2,303,424	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt
22	OVERHAULING OF 24 MGD CAPACITY M.A.N PUMP TYPE RRS-7(SPL) NO.5 INSTALLED AT 2ND PHASE P/H DHABEJI.	-	-	Rs	2,235,502	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt
23	P/F OF BEARING NO.22330 CCW-33 FOR INTERMEDIATE SHAFT & LOCAL MFG OF BEARING SLEEVE & DIFFERENT SIZE BOLTS & NUTS/REPAIR OF BEARING. HOISING OF P. SET NO.4 OF K-3 P/H DHABEJI.	-	-	Rs	2,570,128	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt
24	P/F OF BEARING NO.7324 BCBM, 6324M/G3 & 23130 CCW-33 FOR MODIFIED PUMP SET "B" AT K-2 P/H DHABEJI.	-	-	Rs	1,844,042	6123-27	KW&SB	Press/ Website	-	-	3rd Qrt

25	RE-MAINTENANCE OF THRU-ROST BLOCK & R/R OF THRU-ROST PLATE AND BERD GEAR (PINION) OF RENK GEAR BOX OF 1ST PHASE P/H DHABEJI.	-	-	Rs. 1,577,075	6123-27	KW&SB	Press/ Website	-	-	-	4'
26	IN-SITU 280mm DIA & 189 WIDTH CRANK SHAFT MACHINERY / GRINDING OF MAN ENGINE NO.1 OF 1ST PHASE P/H DHABEJI.	-	-	Rs. 2,530,300	6123-27	KW&SB	Press/ Website	-	-	-	4'
27	MFG AND SUPPLY OF CARBON BRUSHES FOR 1635 KW, SLIP RING TYPE H.T MOTOR AT K-2 P/H DHABEJI.	-	-	Rs. 2,450,000	6123-27	KW&SB	Press/ Website	-	-	-	4'
28	R/M OF 35 MGD KSB PUMP TYPE RD.LV. 700-820A, P/SET NO.2 BY REPLACEMENT OF WORN OUT PARTS AT K-3 P/H DHABEJI.	-	-	Rs. 2,416,589	6123-27	KW&SB	Press/ Website	-	-	-	4'
29	R/R OF CYLINDER LINER OF ENGINE NO.5 GTV-40/60 OF 1ST PHASE P/H DHABEJI.	-	-	Rs. 1,634,734	6123-27	KW&SB	Press/ Website	-	-	-	4'
30	R/R OF BEARING HOISING PUMP BODY OF MAN PUMP TYPE RRS-7 SPL OF 1ST PHASE P/H DHABEJI.	-	-	Rs. 870,319	6123-27	KW&SB	Press/ Website	-	-	-	4'
31	LOCAL MFG OF TURBO CHARGER PLAIN & GUIDE BEARING AND BEARING SLEEVE OF MAN ENGINE OF 1ST PHASE P/H DHABEJI.	-	-	Rs. 1,984,182	6123-27	KW&SB	Press/ Website	-	-	-	4'
32	MFG & FIXING OF SPARE PARTS AND REPAIR OF SECTION CHANNEL FINE SCREEN OF 2ND PHASE P/H DHABEJI.	-	-	Rs. 2,684,948	6123-41	KW&SB	Website	-	-	-	4'
33	RE-FILLING OF FIRE EXTINGUISHERS DIFFERENT SIZE & PROVIDING MOUNTING FIRE EXTINGUISHERS WITH WALL BRACKET AT DHABEJI P/H.	-	-	Rs. 2,414,178	6123-44	KW&SB	Press/ Website	-	-	-	4'

34	LOCAL MFG. OF TURBO CHARGER PLAIN & GUIDE BEARING AND BEARING SLEEVE FOR MAN ENGINE OF 1ST PHASE P/H DHABEJI.	-	-	Rs. 1,984,182	6123-26	KW&SB	Website	-	-	4 th
35	OVERHAULING OF M.A.N PUMP TYPE RRS-7(SPL) NO.2 INSTALLED AT 2ND PHASE P/H DHABEJI.	-	-	Rs. 1,913,893	6123-27	KW&SB	Press/ Website	-	-	4 th
36	RECONDITANING OF COMPONENTS AND REPLACEMENT OF BEARING OF MAN PUMP TYPE RRS-7(SPL) NO.2 INSTALLED AT 2ND PHASE P/H DHABEJI.	-	-	Rs. 2,540,500	6123-27	KW&SB	Press/ Website	-	-	4 th
37	SERVICING AND OVERHAULING OF 6.6 KV 1050 KW 114 AMP AEG ELECTRIC MOTOR NO.2 OF 2ND PHASE P/H DHABEJI.	-	-	Rs. 1,626,388	6123-27	KW&SB	Press/ Website	-	-	4 th
38	PROVIDING AND FIXING OF BEARING NO.7328 BCBM OF 6.6 KV,1050KW, AEG ELECTRIC MOTOR NO.2 OF 2ND PHASE P/H DHABEJI.	-	-	Rs. 1,079,320	6123-27	KW&SB	Press/ Website	-	-	4 th
39	REPLACEMENT OF BEARING OF 11KV, 1050 KW, 69 AMPS AEG ELECTRIC MOTOR OF 3RD PHASE DHABEJI.	-	-	Rs. 1,927,780	6123-27	KW&SB	Press/ Website	-	-	4 th
40	R/M OF 25 MGD CAPACITY PUMP NO.2 OF 3RD PHASE DHABEJI.	-	-	Rs. 2,328,650	6123-27	KW&SB	Press/ Website	-	-	4 th
41	RECONDITIONING AND LOCAL MFG OF COMPONENTS OF KSB PUMP TYPE RDLV-600-830A FOR OVERHAULING OF PUMP NO.2 OF 3RD PHASE DHABEJI.	-	-	Rs. 2,191,056	6123-27	KW&SB	Press/ Website	-	-	4 th
42	SERVICING AND OVERHAULING OF 11KV,1050KW,69 AMPS OF AEG ELECTRIC MOTOR NO.2 3RD PHASE PUMP HOUSE DHABEJI.	-	-	Rs. 1,627,906	6123-27	KW&SB	Press/ Website	-	-	4 th



SARDAR ALSHAH
 RESIDENT ENGINEER
 DHABEJI DIVISION (PUMPING)



STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS
(For Contracts Costing up to Rs.2.5 Million)

[Press Tender]

[S.No. 1]

-: Name of Work :-

**"REPAIR / MAINTENANCE AND REPLACEMENT OF
WORN-OUT PARTS OF 35 MGD WEIR PUMP SET 'E' AT
K-2 PUMP HOUSE, DHABEJI"**

-: Name of Office :-

DHABEJI (PUMPING) DIVISION

Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town,
Distt: Thatta

Resident Engineer, Contact # 0333-2205474

Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

The *Instructions to Bidders* will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time

BIDDING DATA

- (a). Name of Procuring Agency: Dhabeji (Pumping) Division, KW&SB
- (b). Brief Description of Work: REPAIR / MAINTENANCE AND REPLACEMENT OF WORN-OUT PARTS OF 35 MGD WEIR PUMP SET 'E' AT K-2 PUMP HOUSE, DHABEJI.
- (c). Procuring Agency Address: Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town, Distt. Thatta
- (d). Estimate Cost On Item rate basis.
- (e). Amount of Bid Security : 02% of Bid amount.
- (f). Period of Bid validity : 90 Days.
- (g). Security Deposit (including Bid Security) : 10%
- (h). Venue, Time and Date of Bid Opening : The Tender in sealed cover superscribed with the name of the work should be dropped in the Tender Box kept in office of the Chief Engineer (IP&D) at Room No.5, Block "E", 9th Mile, Karsaz, Karachi on 04/5/2016 at 02.30 PM by Procurement Committee-I, KW&SB.
- (i). Deadline for submission of Bid along with time. : 04/5/2016 at 02:00 PM.
- (j). Time for completion from From written order commence: 15 Days
- (k). Liquidity damage : 0.5% of Bid Cost per day of delay
- (l). Bid issued to Firm : M/s. _____
- (m). Deposit Receipt No.& Date: _____
- Amount: : Rs.2,000/=

Resident Engineer 1
Dhabeji Division Pumping
Resident Engineer

Authority issuing bidding Document.

Conditions of Contract

Clause – 1: Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the work, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

Clause – 2: Liquidated Damages. The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cent of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

Clause – 3: Termination of the Contract.

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-
- (i) contractor causes a breach of any clause of the Contract;
 - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
 - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
 - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
 - (ii) to finalize the work by measuring the work done by the contractor.

(C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-

- (i) no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract,
- (ii) however, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid.

Procuring Agency/Engineer may invite fresh bids for remaining work.

Clause 4: Possession of the site and claims for compensation for delay. The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

Clause -5: Extension of Intended Completion Date. The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

Clause -6: Specifications. The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

Clause – 7: Payments.

- (A) **Interim/Running Bill.** A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as far as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

- (B) **The Final Bill.** A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

Clause – 8: Reduced Rates. In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

Clause – 9: Issuance of Variation and Repeat Orders.

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the

work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contract work.
- (E) In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.
- (F) **Repeat Order:** Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

Clause-10: Quality Control.

- (A) **Identifying Defects:** If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) **Correction of Defects:** The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) **Uncorrected Defects:**
 - (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefor.

Clause – 11:

- (A) **Inspection of Operations.** The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.
- (B) **Dates for Inspection and Testing.** The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

Clause – 12: Examination of work before covering up.

- (A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;
- (B) If any work is covered up or placed beyond the reach of measurement without such notice having been given, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

Clause – 13: Risks. The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death which arise during and in consequence of its performance of the contract. if any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

Clause-14: Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

Clause-15:Sub-contracting. The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor, his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

Clause – 16: Disputes. All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, , the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, hereinbefore mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

Clause –17: Site Clearance. On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

Clause –18: Financial Assistance /Advance Payment.

- (A) **Mobilization advance** is not allowed.
- (B) **Secured Advance against materials brought at site.**
- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;
- (ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause –19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

Clause –20: Refund of Security Deposit/Retention Money. On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

K.W.
JAWAID ALI KAMBOH
Divisional Assistant
Dhabeji (Pumping) Division
K.W. & S.B.

Resident Engineer
Dhabeji Division (Pumping)
K.W. & S.B.

Contractor

Executive Engineer/Procuring Agency

ELIGIBILITY AND EVALUATION CRITERIA OF THE TENDER

Bid shall be evaluated on the basis of following information are available with the bid :-

1. Bid shall be in sealed Cover.
2. Bid shall be properly signed by the Contractor with Stamp.
3. Name of firm, Postal address, Telephone number, Fax number, e-mail address must be written.
4. Rate must be quoted in figures and words.
5. NTN and Sales Tax (Where applicable).
6. Contractor should be registered with Sindh Revenue Board in terms of Rule-46(1)(iii) of SPP Rules, 2010 (amended 2014).
7. Relevant Experience of work (03) Three years.
8. Turnover at least (03) Three years.
9. Bid Security of required amount.
10. Conditional bid will not be considered.
11. Bid will be evaluated according to SPPR 2010 (Amended 2013).
12. Debarred Contractors bid cannot be accepted.

NAME OF WORK:-

REPAIR / MAINTENANCE AND REPLACEMENT OF WORN-OUT PARTS OF 35 MGD WEIR PUMP SET 'E' AT K-2 PUMP HOUSE, DHABEJI.

(B) Description and rate of Items based (On Item rate basis)

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
1.	01Job	Disconnection of H.T. Electric connection from Motor Panel i/c heater, bearing Temperature connection from motor panel i/c cooling water circulation joints pipe connection.			Job	
2.	01Job	Dismantling all nuts & bolts from Pump bed & pull out of H.T. Motor from Pump basement.			Job	
3.	02Jobs	Dismantling of Universal Motor & Pump shaft & pull out of Universal Shaft with shaft housing as per instruction of E/I.			Job	
4.	01Job	Removal of Pump casing half portion after dismantling all 80 Nuts & Bolts from pump casing complete.			Job	
5.	01Job.	Removal of Pulley from Pump shaft by cutting with the help of oxygen acetylene flame and Hydraulic pressure m/c and as instruction of Engineer In charge.			Job	
6.	04Jobs	Removal of Bearing housing & Bearing No. BCBM 7324 from drive end side with the help of Hydraulic pressure m/c and oxygen acetylene flame as per instruction of E/I.			Job	
7.	01Job	Removal of Bearing from Intermediate shaft 23130 with the help of Hydraulic pressure m/c and oxygen acetylene flame as per instruction of Engineer in charge.			Job	
8.	01Job	Pull out complete pump i/c shaft from pump section 28' depth as per instruction of E/I.			Job	
9.	02Jobs	Removal of Neck ring from Impeller Neck with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of Engineer incharge.			Job	
10.	02Jobs	Removal of Wear Ring from the Pump casing with the help of oxygen acetylene flame as per direction of E/I			Job	
11.	03Jobs	Removal of Upper Sleeve & Lower Sleeve, Shaft bush, Chuck nut, Spacer from the Pump Shaft with the help of Hydraulic puller m/c and oxygen acetylene flame as per instruction of E/I			Job	
12.	01Pair	Manufacturing & fixing of Neck Ring for Upper & Lower from Phosphorus Bronze by casting size having size: OD = 610mm, ID=558mm, Width: 63mm i/c machining & polishing having finished size OD=562mm, ID=540mm & Width=40mm as per sample and instruction of E/I			Pair	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
13.	01Pair	Manufacturing & fixing of Wear Ring Upper & Lower from Phosphorus Bronze by casting having size Outer dia=635mm, ID=559mm, Width: 63mm i/c machining & polishing for making finished size OD=580mm, ID=560mm, Width: 40mm as per sample and instruction of E/I.			Pair	
14.	01Job.	Mfg. & Fixing of Spacer Sleeve from high quality Carbon alloy steel imported quality 130mm dia solid shape. The finished size of Sleeve One side : OD = 124mm, other side OD = 120mm, ID = 114mm, bore length 205mm on damaged bearing portion of shaft with help of locking pin 06Nos. 8 x 5mm size i/c spot welding as per inst. of E/I.			Each	
15.	01Job	Mfg. & fixing of Shaft Bush from Imported Phosphorus Bronze having casting, size: OD = 178mm, ID=100mm & Length 228mm i/c machining & polishing having finished size OD=140mm, ID=127mm & Length 180mm as per sample and instruction of E/I.			Job	
16.	01Job	Removal of Impeller from the Pump shaft with the help of heavy duty Hydraulic pressure machine and oxygen acetylene flame without changing the shape of Impeller by highly skilled workers as per instruction of E/Incharge.			Job	
17.	01Pair	Mfg. & fixing of Sleeve upper & lower side of the Impeller shaft from S.S. Grade 316 Pharmaceutical food grade having size dia 178mm & Length 685mm, machining caller at Top side having finished size outer dia 156mm & Length=160mm, other making step dia 140mm & Length 425mm i/c making bore dia complete sleeve 127mm & 125mm dia at complete length 585mm i/c making key slot at inner dia of sleeve key slot depth 8mm, width of slot 32mm & length of slot depth 8mm, width of slot 32mm & length of slot 145mm as per sample and instruction of E/I.			Pair	
18.	01Job	Mfg. & fixing of Lock Nut (02 Nos.) along with locking washer device of Specific feather to with Stand against dynamic stress on the Pump set during operation as per of E / I.			Job	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
19.	01Job	Repair / Reconditioning of bearing housing, having semicircular flange outer dia 24" & internal dia 8" length 4" and at bottom of flange outer dia 18", length 16" i/c machining all side top & bottom & making internal bore OD=16", ID=10½ length 14" i/c machining bearing portion dia width lapping as per required bearing outer dia of bearing, making 8 Nos. hole 1" dia & making collar cutting at internal bore for lock the plate for leak proof of water of water as per instruction of E/I			Job	
20.	01No.	Local Mfg. of Gland of Pump from casting of phosphorus bronze having casting size 354mm collar dia 205mm, width 45mm total length 250mm having finished Gland shape 305mm, gland plate width 310mm, collar dia finished size 178mm, width 35mm i/c making hole at centre of gland 138mm throughout length. 65mm i/c making 02Nos. hole 20mm of each of corner away 20mm and making thread 20mm as inst. E/I.			Each	
21	02Nos.	Local Mfg. of Key of Impeller & coupling bush in rectangular shape from steel bar having size 1" x 1¼" x 18" i/c making half round shape of both end i/c making 02Nos. Holes at both side 8mm & making centre sunk shape hole 12mm at top side as per sample.			Each	
22.	02Nos.	Local Mfg. of Shaft (Chuck Nut) for lower end shaft for bearing lock at lower end from 127mm dia solid S.S. Shaft length 64mm making inner dia hole 77mm. finished size length 36mm, i/c making American thread 20mm i/c making 4 slots each 15mm width & 10mm depth for gripping the lower end Bearing as per instruction of E/Incharge.			Each	
23.	01No.	Local Mfg. of Impeller Bush for Impeller, Bearing & Sleeve grip from Stainless Steel Solid Shaft having 178mm dia and length 100mm, finished size dia 153mm and length 102mm and making internal bore 127mm dia i/c fixing by press fit as per inst. of E/I			Each	
24.	20Kgs.	P/F of 20mm x 20mm Thick Teflon core Gland packing high pressure high temperature made of (Imported) Best Quality.			Kg.	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
25.	02Nos.	Mfg. & Fixing of Bearing Housing body ceramic seal libral seal Imported material having cross sectional dia 10mm. OD=1320, ID=1300mm as per inst. of E/I			Each	
26.	02Bags	Supply of Cotton Waste (White bleached) bags (50Kgs).			Bag	
27.	06 Meters	P/F of 0.5mm Kilingrite fiber Paper sheet England made having Width: 1 Meter after cleaning / rubbing of old sheet pieces from the surface of both casing as per inst. E/incharge			Meter	
28.	20Kgs.	Providing & Fixing of Stainless Steel Nuts & Bolts i/c washer 'M' Brand size from 15, 20 & 25mm & length 75, 65 & 60mm as per sample.			Kg.	
29.	02Nos.	P/F of Bearing Lock MB-23 SKF Brand as per inst. of E/I.			Each	
30.	02Kgs.	Providing of USA made DADEX Jointing solution at the site for Pump casing surface jointing area.			Kg.	
31.	01Job	Dynamic balancing of Impeller proper by digital vibration machine process.			Job	
32.	01Job	Fixing of complete Impeller, shaft assembly at Pump casing at lower pump room & tight 65Nos. Nuts & Bolts, Stud & Nut at pump casing leak proof, Zero alignment, free shaft movement as per instruction of E/in charge			Job	
33.	01Job	Fixing of Intermediate shaft of Weir Pump with Impeller shaft by coupling bush with Zero alignment as per origin tight torque for Nuts & Bolts as per instruction of instruction of E/I			Job	
34.	01Job	Fixing of Pulley of Pump shaft by the help of Hydraulic pressure machine and oxygen acetylene flame			Job	
35.	01Job	Fixing of Motor at Pump base frame after removing the corrosion & rough surface without disturbing origin surface making connection of H.T. Electric Cable at Motor Panel, temp connection, heater connection water cooling pipe connection all electric joint lead from moisture cleaning by C.T.C. i/c coupling of Motor & Pump pulley.			Job	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
36.	01Job	Local Mfg. of Water resistance housing flapper type S.G. Iron by casting having finished size OD at lower side 18", ID=15" & height of flapper 18" & each wall thickness 1", i/c shaft coupling portion dia OD=7", ID=4" and height 6" i/c machining all side from inner & outer i/c making bore finished size 5" for coupling the housing with shaft by four Nuts & Bolts as per instruction of E/incharge.			Job	
37.	01Job	Repair / Reconditioning of Impeller both Pump housing OD=65" & Length of line bore 5'4" by melding process & making line bore become finished size dia 65" & length of bore 5'-4" as per instruction of E/I			Job	
38.	01Job	Transportation, loading & unloading charges from Dhabeji to Karachi and back Karachi to Dhabeji.			Job	
Total: Rs:						

Total: Rs:

Resident Engineer
Dhabeji Division (Pumping)
Resident Engineer

I / We hereby quoted Rs. _____ (Rupees

_____) Only)

execution of above work and I / We hereby undertaking accept all clauses of SPPR-2010 and comply the Rules of KW&SB.

Signature of Contractor
With name of firm & Seal

Address _____

Contact # _____



STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS
(For Contracts Costing up to Rs.2.5 Million)

(Press Tender)

(S.No.2)

-: Name of Work :-

**"OVERHAULING OF 24 MGD CAPACITY MAN PUMP TYPE
RRS-7 (SPL) NO.5 OF 2ND. PHASE PUMP HOUSE, DHABEJI"**

-: Name of Office :-

DHABEJI (PUMPING) DIVISION

Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town,

Distt: Thatta

Resident Engineer, Contact # 0333-2205474

Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

The *Instructions to Bidders* will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time

allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

The envelope containing the tender documents shall refer the name and number of the work.

6. All works shall be measured by standard instruments according to the rules.

7. Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.

8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.

9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

10. Bid without bid security of required amount and prescribed form shall be rejected.

11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;

(A) **In case of schedule rates**, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.

(B) **In case of item rates**, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.

(C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

BIDDING DATA

- (a). Name of Procuring Agency: Dhabeji (Pumping) Division, KW&SB
- (b). Brief Description of Work: OVERHAULING OF 24 MGD CAPACITY
MAN PUMP TYPE RRS-7 (SPL) NO.5 OF 2ND.
PHASE PUMP HOUSE, DHABEJI.
- (c). Procuring Agency Address: Dhabeji Pumping Station, Tehsil Mirpur Sakro,
Dhabeji Town, Distt: Thatta
- (d). Estimate Cost: On Item rate basis.
- (e). Amount of Bid Security : 02% of Bid amount.
- (f). Period of Bid validity : 90 Days.
- (g). Security Deposit
(including Bid Security) : 10%
- (h). Venue, Time and Date of Bid Opening : The Tender in sealed cover superscribed with
the name of the work should be dropped in the
Tender Box kept in office of the Chief Engineer
(IP&D) at Room No.5, Block "E", 9th Mile,
Karsaz, Karachi on 04/5/2016 at 02.30
PM by Procurement Committee-I, KW&SB.
- (i). Deadline for submission of Bid along with time. : 04/5/2016 at 02:00 PM.
- (j). Time for completion from From written order commence: 10 Days
- (k). Liquidity damage : 0.5% of Bid Cost per day of delay
- (l). Bid issued to Firm : M/s. _____
- (m). Deposit Receipt No.& Date: _____
- Amount: : Rs.1,500/=


Resident Engineer
Dhabeji Division (Pumping)
Resident Engineer

Authority issuing bidding Document.

Conditions of Contract

Clause – 1: Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the work, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

Clause – 2: Liquidated Damages. The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cent of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

Clause – 3: Termination of the Contract.

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-
- (i) contractor causes a breach of any clause of the Contract;
 - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
 - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
 - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
 - (ii) to finalize the work by measuring the work done by the contractor.

(C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-

- (i) no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract,
- (ii) however, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid.

Procuring Agency/Engineer may invite fresh bids for remaining work.

Clause 4: Possession of the site and claims for compensation for delay. The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

Clause -5: Extension of Intended Completion Date. The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

Clause -6: Specifications. The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

Clause – 7: Payments.

- (A) **Interim/Running Bill.** A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as far as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

- (B) **The Final Bill.** A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

Clause – 8: Reduced Rates. In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

Clause – 9: Issuance of Variation and Repeat Orders.

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the

work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contact work.
- (E) In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.
- (F) **Repeat Order:** Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

Clause-10: Quality Control.

- (A) **Identifying Defects:** If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) **Correction of Defects:** The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) **Uncorrected Defects:**
 - (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

Clause – 11:

- (A) **Inspection of Operations.** The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.
- (B) **Dates for Inspection and Testing.** The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

Clause – 12: Examination of work before covering up.

- (A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;
- (B) If any work is covered up or placed beyond the reach of measurement without such notice having been given, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

Clause – 13: Risks. The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death which arise during and in consequence of its performance of the contract. if any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

Clause-14: Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

Clause-15:Sub-contracting. The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor, his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

Clause – 16: Disputes. All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, , the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, hereinbefore mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

Clause –17: Site Clearance. On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

Clause –18: Financial Assistance /Advance Payment.

- (A) **Mobilization advance** is not allowed.
- (B) **Secured Advance against materials brought at site.**
- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;
- (ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause –19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

Clause –20: Refund of Security Deposit/Retention Money. On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

K.W.
JAWAID ALI KAMBOH
DIVISIONAL ACCOUNTS OFFICER
Dhabeji (Punjab) Division
Divisional Accountant
K.W. & S.B.

Contractor

Resident Engineer
Dhabeji Division (Punjab)
Executive Engineer/Procuring Agency

ELIGIBILITY AND EVALUATION CRITERIA OF THE TENDER

Bid shall be evaluated on the basis of following information are available with the bid :-

1. Bid shall be in sealed Cover.
2. Bid shall be properly signed by the Contractor with Stamp.
3. Name of firm, Postal address, Telephone number, Fax number, e-mail address must be written.
4. Rate must be quoted in figures and words.
5. NTN and Sales Tax (Where applicable).
6. Contractor should be registered with Sindh Revenue Board in terms of Rule-46(1)(iii) of SPP Rules, 2010 (amended 2014).
7. Relevant Experience of work (03) Three years.
8. Turnover at least (03) Three years.
9. Bid Security of required amount.
10. Conditional bid will not be considered.
11. Bid will be evaluated according to SPPR 2010 (Amended 2013).
12. Debarred Contractors bid cannot be accepted.

NAME OF WORK:-

**OVERHAULING OF 24 MGD CAPACITY MAN PUMP TYPE RRS-7
(SPL) NO.5 OF 2ND. PHASE PUMP HOUSE, DHABEJI.****(B) Description and rate of Items based (On Item rate basis)**

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
1.	01Job	Disconnection of H.T. Electric connection, Heaters connection and temperature, sensors and relays connection from Motor panel as per instruction of Engineer incharge.			Job	
2.	01Job	Dismantling and shifting of H.T. Motor from Motor Bed as per instruction of Engineer incharge.			Job	
3.	01Job	Removal of Pump shaft pulley with the help of Hydraulic puller machine and oxy-acetylene flame as per instruction of E/incharge.			Job	
4.	01Job	Removal of Multidimensional Pump casing Top Cover after dismantling of 48Nos. Nuts from Pump casing and Pull out completely.			Job	
5.	01Job.	Removal of Anti reverse Ratchet mechanism system from Intermediate Pump shaft as per instruction of Engineer incharge.			Job	
6.	01Job	Removal of Bearing 20232 from Pump Shaft and housing with the help of Hydraulic puller machine and oxy-acetylene flame as per instruction of Engineer incharge.			Job	
7.	01Job	Removal and pull out of Pump shaft with Impeller from Pump housing as per instruction of Engineer in charge.			Job	
8.	01Job	Removal of Wear protective ring from housing by removing 08Nos. Bolts without damaging pump base as per instruction of Engineer incharge.			Job	
9.	01Job	Removal of Impeller from Pump shaft with the help of Hydraulic puller machine and oxy-acetylene flame and chemical treatment without disturbing the originality of shaft and Impeller as per instruction of E/incharge.			Job	
10.	01Job	Removing of Impeller Neck ring with the help of Hydraulic puller machine and oxy-acetylene flame as per instruction of E/incharge.			Job	
11.	01Job	Removal of Protective Sleeve from Impeller head with the help of Hydraulic puller machine and oxy-acetylene flame as per inst. of E/I.			Job	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
12.	01Job	Repair, Reconditioning and balancing of Pump shaft by removing pitted, corroded and deteriorated portions by machine tool operation upto 6.8mm depth and welding upto required sizes after pre-heating. Redressing the entire surface by machining and polishing to bring finished size, length of shaft 2300mm dia at bottom 100mm with "V" shape threads upto 56mm for impeller hood. Impeller portion dia tapered Top to Bottom 140mm and 113mm length 419mm including making key slot length 300mm depth 5mm dia at ratchet and bearing port 140mm, length 115mm including threads upto 85mm length other dia 135mm upto 150mm length pulley portion dia 130mm length 200mm i/c 3 key slots as per instruction of Engineer incharge.			Job	
13.	01Job	Local Mfg. and fixing Impeller head Sleeve from 216mm dia. 203.20mm long solid stainless steel (ASI 316) Pharmaceutical Food grade) shaft by machining and polishing to bring finished sizes OD=195mm, I.D.=180mm total length 150mm including making 03Nos. external grooves equally spaced as per instruction of Engineer incharge.			Job	
14.	01Job	Local. Mfg. and fixing of Impeller Neck protecting ring from manganese phosphorus Bronze by centrifugal casting having casted size O.D.=670mm, I.D.533mm, length 127mm. precise machining and polishing to bring finished sizes O.D.618mm, I.D. 588mm, length 85mm including making taper internally upto 50mm length from Top including making 03Nos. holes 10mm dia equally spaced as per instruction of Engineer incharge.			Job	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
15.	01Job	Fixing of Impeller in Pump shaft of M.A.N. Type RRS-7 (Spl) Pump by heavy duty hydraulic press machining including dynamic balancing of Impeller and shaft for zero alignment and vibration free operation as per instruction of Engineer incharge.			Job	
16.	01Job	Reconditioning of Multidimensional Pump casing Top Cover of MAN Pump type RRS-7 (Spl) by dismantling Pump distributor, base ring and inserting stuffing Box, Gland nut etc. Rebuilding, redressing the deteriorated portions with great accuracy with suitable high grade Cast iron welding Electrodes process including machining and polishing to bring finished sizes as per actual requirements and making 10 nos. threaded holes 12.5mm dia depth 85mm size of cover base O.D.=1470mm I.D.=638mm Collar dia 820mm Width 800mm. after redressing, reassembling the parts with new S.S. Nuts 12.7mm dia 90mm length with packing etc. duly tightened at required Torque as per instruction of Engineer incharge.			Job	
17.	01Job	Local Mfg. of Spacer base Ring from sand casting Phosphorus bronze having finished size O.D.=1220mm, I.D.=1119mm, Width 75mm i/c making Collar dia 834mm depth 55mm each Collar thickness 17mm i/c making holes 26mm dia 10Nos. each and equal distance at centre out Outer inner dia i/c making threads at a depth 17mm i/c making 10Nos. holes 13mm dia depth 17mm each at equal distance i/c fixing the ring at Top Cover of Pump casing as per instruction of Engineer incharge.			Job	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
18.	01Job	Local Mfg. and fixing of Pump casing protective Wear ring of MAN Pump type RRS-7 (Spl) from Sand casting with grey Cast iron casting dia 670mm I.D.=530mm height 140mm i/c machining and polishing Top ring finished sizes O.D.=650mm, I.D.=550mm height 120mm i/c making Collar dia 620mm depth 108mm i/c making holes counter sunk 15 and 10mm dia 08Nos. at base of ring i/c making 32Nos. holes 10mm dia for lantern throat at a distance from Top collar 25mm each equal distance as per instruction of Engineer incharge.			Job	
19.	01Job	Local Mfg. and fixing of Impeller hood of Pump shaft of M.A.N. Pump type RRS-7 (Spl) from Solid steel shaft having O.D.=216mm. total length 216mm precise machining and polishing to bring finished size O.D. at Top 178mm O.D. a Bottom 79mm at a distance 67mm from Top at this portion machining as bowel shape i/c making bottom side height 55mm O.D.=79mm, making this portion hexagonal shape each side width 40mm by indexing process. Height of hexagonal head 55mm. Making internal have from Top of hood 97.5mm dia upto 66mm depth duly threaded i/c making hole at bottom 27mm dia 55mm deep as per instruction of Engineer incharge.			Job	
20.	30Rft.	Providing & Fixing Rubber Cord 6mm dia for sealing of Pump casing.			Rft.	
21	10Kgs.	Providing Gland packing Teflon (U.K. made) 5/8" size.			Kg.	
22.	15Kgs.	Providing Stainless Steel Nuts and Bolts 25 and 25mm dia. 100 and 75mm length "M" Brand.			Kg.	
23.	15Kgs.	Providing Carbon Steel Nuts and Bolts assorted sizes.			Kg.	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
24.	01Job	Complete assembling of Impeller shaft Multi-dimensional Pump casing Top Cover Pump distributor of M.A.N. Pump type RRS-7 (Spl) after cleaning corrosion from inside the pump housing i/c tightening 48Nos. pump casing bolts at required Torque as per instruction of E/I.			Job	
25.	01Job	Complete Assembling of intermediate shaft anti reverse ratchet mechanism, thrust bearing Motor and Pump Pulleys etc. i/c making H.T. and L.T. Connections and testing and commissioning complete as per instruction of the Engineer incharge.			Job	
26.	01Job	Transportation, Loading & unloading charges from Dhabeji Pump House to Karachi and from Karachi to Dhabeji Pump House.			Job	
Total: Rs:						

~~Resident Engineer
Dhabeji Division (Pumping)
Resident Engineer~~

I /We hereby quoted Rs. _____ (Rupees

_____ Only)

execution of above work and I / We hereby undertaking accept all clauses of SPPR-2010 and comply the Rules of KW&SB.

Signature of Contractor
With name of firm & Seal

Address _____

Contact # _____



STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS
(For Contracts Costing up to Rs.2.5 Million)

(Press Tender)

(S.No. 3)

-: Name of Work :-

**"REPAIR / RECONDITIONING OF CYLINDER LINER OF
ENGINE NO.5 G7V-40/60 OF 1ST.PHASE PUMP HOUSE, DHABEJI"**

-: Name of Office :-

DHABEJI (PUMPING) DIVISION

Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town,

Distt: Thatta

Resident Engineer, Contact # 0333-2205474

Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

The *Instructions to Bidders* will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time

allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

The envelope containing the tender documents shall refer the name and number of the work.

6. All works shall be measured by standard instruments according to the rules.
7. Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.
9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
10. Bid without bid security of required amount and prescribed form shall be rejected.
11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;
 - (A) **In case of schedule rates**, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
 - (B) **In case of item rates**, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
 - (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

BIDDING DATA

- (a). Name of Procuring Agency: Dhabeji (Pumping) Division, KW&SB
- (b). Brief Description of Work: REPAIR / RECONDITIONING OF CYLINDER LINNER OF ENGINE NO.5 G7V-40/60 OF 1ST.PHASE PUMP HOUSE, DHABEJI.
- (c). Procuring Agency Address: Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town, Distt: Thatta
- (d). Estimate Cost: On Item rate basis.
- (e). Amount of Bid Security : 02% of Bid amount.
- (f). Period of Bid validity : 90 Days.
- (g). Security Deposit (including Bid Security) : 10%
- (h). Venue, Time and Date of Bid Opening : The Tender in sealed cover superscribed with the name of the work should be dropped in the Tender Box kept in office of the Chief Engineer (IP&D) at Room No.5, Block "E", 9th Mile, Karsaz, Karachi on 04/5/2016 at 02.30 PM by Procurement Committee-I, KW&SB.
- (i). Deadline for submission of Bid along with time. : 04/5/2016 at 02:00 PM.
- (j). Time for completion from From written order commence: 10 Days
- (k). Liquidity damage : 0.5% of Bid Cost per day of delay
- (l). Bid issued to Firm : M/s. _____
- (m). Deposit Receipt No.& Date: _____
- Amount: : Rs.1,500/=

Resident Engineer
Dhabeji Division Pumping
Resident Engineer

Authority issuing bidding Document.

Conditions of Contract

Clause – 1: Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the work, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

Clause – 2: Liquidated Damages. The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cent of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

Clause – 3: Termination of the Contract.

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-
- (i) contractor causes a breach of any clause of the Contract;
 - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
 - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
 - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
 - (ii) to finalize the work by measuring the work done by the contractor.

(C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-

- (i) no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract,
- (ii) however, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid.

Procuring Agency/Engineer may invite fresh bids for remaining work.

Clause 4: Possession of the site and claims for compensation for delay. The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

Clause -5: Extension of Intended Completion Date. The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

Clause -6: Specifications. The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

Clause – 7: Payments.

- (A) **Interim/Running Bill.** A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as far as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

- (B) **The Final Bill.** A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

Clause – 8: Reduced Rates. In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

Clause – 9: Issuance of Variation and Repeat Orders.

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the

work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contact work.
- (E) In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.
- (F) **Repeat Order:** Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

Clause-10: Quality Control.

- (A) **Identifying Defects:** If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) **Correction of Defects:** The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) **Uncorrected Defects:**
 - (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

Clause – 11:

- (A) **Inspection of Operations.** The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.
- (B) **Dates for Inspection and Testing.** The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

Clause – 12: Examination of work before covering up.

- (A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;
- (B) If any work is covered up or placed beyond the reach of measurement without such notice having been given, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

Clause – 13: Risks. The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death which arise during and in consequence of its performance of the contract. if any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

Clause-14: Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

Clause-15:Sub-contracting. The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor, his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

Clause – 16: Disputes. All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, , the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, hereinbefore mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

Clause –17: Site Clearance. On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.


Clause –18: Financial Assistance /Advance Payment.


- (A) Mobilization advance is not allowed.
- (B) Secured Advance against materials brought at site.
- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;
- (ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause –19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

Clause –20: Refund of Security Deposit/Retention Money. On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

Contractor


JAWAID ALI KAMROH
Divisional Accountant
DIVISIONAL ACCOUNTS OFFICER
Dhabeji (Pumping) Division
K.W. & S.B.


Resident Engineer
Dhabeji Division (Pumping)
Executive Engineer/Procuring Agency

ELIGIBILITY AND EVALUATION CRITERIA OF THE TENDER

Bid shall be evaluated on the basis of following information are available with the bid :-

1. Bid shall be in sealed Cover.
2. Bid shall be properly signed by the Contractor with Stamp.
3. Name of firm, Postal address, Telephone number, Fax number, e-mail address must be written.
4. Rate must be quoted in figures and words.
5. NTN and Sales Tax (Where applicable).
6. Contractor should be registered with Sindh Revenue Board in terms of Rule-46(1)(iii) of SPP Rules, 2010 (amended 2014).
7. Relevant Experience of work (03) Three years.
8. Turnover at least (03) Three years.
9. Bid Security of required amount.
10. Conditional bid will not be considered.
11. Bid will be evaluated according to SPPR 2010 (Amended 2013).
12. Debarred Contractors bid cannot be accepted.

NAME OF WORK:-

REPAIR / RECONDITIONING OF CYLINDER LINNER OF ENGINE
NO.5 G7V-40/60 OF 1ST.PHASE PUMP HOUSE, DHABEJI.

(B) Description and rate of Items based (On Item rate basis)

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
i.	07Jobs	Repair / Reconditioning of MAN Engine G7V-40/60 Cylinder linner with the following scope of work :- Line Bore polishing from vertical boring m/c from inside the Cylinder linner having inside dia 400mm & Length 1187mm for scraping Carbon on boring m/c as per instruction of Engineer incharge			Job	
ii).	07Jobs	Repair & reconditioning of deteriorated portion from inside the Cylinder linner having Inside dia=400mm \pm .01 & overall length of Cylinder linner 1187mm by making spray metallurgy Molibidinium technology from inside the Cylinder linner as per instruction of Engineer incharge			Job	
iii).	07Jobs	After deposit of Molibidinium metallurgy at deteriorated portion from inside the linner again polishing & honing from inside linner till at required size ID=400mm dia \pm .001 from top to bottom length 1187mm without disturbing original shape as per German origin and instruction of E/incharge..			Job	
iv).	07Jobs	Reconditioning of Tapper portion of Cylinder linner at tail side having OD=426mm & tapered at 20° by redressing with Cast iron welding process i/c making precise machining from outside as per instruction of E/incharge.			Job	
v).	07Jobs	Repair / Polishing of Cooling pocket of linner from outside the Cylinder linner having 450mm & Length 1187mm with sand blasting process and chemical wash as per instruction of Engineer incharge.			Job	
vi).	07Jobs.	Repair / Reconditioning of Head seat portion of Cylinder linner having O.D. at Collar 475mm & Length of head 36mm by redressing of welding process & making machining till required size as per instruction of Engineer incharge.			Job	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
vii)	07Jobs	Repair of Oil pocket of Cylinder linner from inside & outside having dia inside 15mm & outside 25mm Cylinder linner & threading at hole 15mm depth 50mm as per instruction of Engineer incharge.			Job	
viii).	07Jobs	Build up & machining of 'O' ring Groove portion from outside of Cylinder linner 5mm depth 02nos. groove at bottom, complete outer dia 440mm as per instruction of Engineer incharge.			Job	
ix).	07Jobs	Checking leaking & Crake of Inner by presser testing m/c 250 Lbs/Sq. as per instruction of Engineer incharge.			Job	
x).	07Jobs	Depoxy paint from outside the Linner having OD=450mm & length 1851 to prevent the Corrosion for Cooling water at outer & as per instruction of Engineer incharge i/c Scraping complete outer body & 2-Coats Depoxy Paint.			Job	
xi).	01Job	Loading, Un-loading & Transportation from Dhabeji Pump House to Karachi workshop and Back Karachi to Dhabeji Pump House.			Job	
Total: Rs:						

Total: Rs:

Resident Engineer
Dhabeji Division (Pumping)
Resident Engineer

I/We hereby quoted Rs. _____ (Rupees

_____) Only)

execution of above work and I / We hereby undertaking accept all clauses of SPPR-2010 and comply the Rules of KW&SB.

Signature of Contractor
With name of firm & Seal

Address _____

Contact # _____



STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS
(For Contracts Costing up to Rs.2.5 Million)

[Press Tender]

[S.No. 4]

-: Name of Work :-

"REPAIR / MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO.2 BY REPLACEMENT OF WORN-OUT PARTS AT K-3 PUMP HOUSE, DHABEJI"

-: Name of Office :-

DHABEJI (PUMPING) DIVISION

Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town,
Distt: Thatta

Resident Engineer, Contact # 0333-2205474

Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

The *Instructions to Bidders* will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time

allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

The envelope containing the tender documents shall refer the name and number of the work.

6. All works shall be measured by standard instruments according to the rules.
7. Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.
9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
10. Bid without bid security of required amount and prescribed form shall be rejected.
11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;
 - (A) **In case of schedule rates**, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
 - (B) **In case of item rates**, If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
 - (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

BIDDING DATA

- (a). Name of Procuring Agency: Dhabeji (Pumping) Division, KW&SB
- (b). Brief Description of Work: REPAIR / MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO.2 BY REPLACEMENT OF WORN-OUT PARTS AT K-3 PUMP HOUSE, DHABEJI.
- (c). Procuring Agency Address: Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town, Distt: Thatta
- (d). Estimate Cost On Item rate basis.
- (e). Amount of Bid Security : 02% of Bid amount.
- (f). Period of Bid validity : 90 Days.
- (g). Security Deposit (including Bid Security) : 10%
- (h). Venue, Time and Date of Bid Opening : The Tender in sealed cover superscribed with the name of the work should be dropped in the Tender Box kept in office of the Chief Engineer (IP&D) at Room No.5, Block "E", 9th Mile, Karsaz, Karachi on 04/5/2016 at 02.30 PM by Procurement Committee-I, KW&SB.
- (i). Deadline for submission of Bid along with time. : 04/5/2016 at 02:00 PM.
- (j). Time for completion from From written order commence: 15 Days
- (k). Liquidity damage : 0.5% of Bid Cost per day of delay
- (l). Bid issued to Firm : M/s. _____
- (m). Deposit Receipt No.& Date: _____
- Amount: : Rs.2,000/=


Resident Engineer
Dhabeji Division (Pumping)
Resident Engineer

Authority issuing bidding Document.

Conditions of Contract

Clause – 1: Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the work, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

Clause – 2: Liquidated Damages. The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cent of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

Clause – 3: Termination of the Contract.

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-
- (i) contractor causes a breach of any clause of the Contract;
 - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
 - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
 - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
 - (ii) to finalize the work by measuring the work done by the contractor.

(C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-

- (i) no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract,
- (ii) however, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid.

Procuring Agency/Engineer may invite fresh bids for remaining work.

Clause 4: Possession of the site and claims for compensation for delay. The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

Clause -5: Extension of Intended Completion Date. The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

Clause -6: Specifications. The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

Clause – 7: Payments.

- (A) **Interim/Running Bill.** A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as far as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

- (B) **The Final Bill.** A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

Clause – 8: Reduced Rates. In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

Clause – 9: Issuance of Variation and Repeat Orders.

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the

work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contact work.
- (E) In case of quantities of work executed result the Initial Contract Price to be xceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.
- (F) **Repeat Order:** Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

Clause-10: Quality Control.

- (A) **Identifying Defects:** If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) **Correction of Defects:** The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) **Uncorrected Defects:**
 - (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

Clause – 11:

- (A) **Inspection of Operations.** The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.
- (B) **Dates for Inspection and Testing.** The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

Clause – 12: Examination of work before covering up.

- (A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;
- (B) If any work is covered up or placed beyond the reach of measurement without such notice having been given, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

Clause – 13: Risks. The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death which arise during and in consequence of its performance of the contract. if any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

Clause-14: Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

Clause-15:Sub-contracting. The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor, his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

Clause – 16: Disputes. All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, , the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, hereinbefore mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

Clause –17: Site Clearance. On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

Clause –18: Financial Assistance /Advance Payment.

- (A) Mobilization advance is not allowed.
- (B) Secured Advance against materials brought at site.
- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;
- (ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause –19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

Clause –20: Refund of Security Deposit/Retention Money. On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

Jal
JAWAID ALI KAMBOH
DIVISIONAL ACCOUNTS OFFICER
Divisional Accountant
K.W. & S.D.

Contractor

Resident Engineer
Dhabeji Division (Pumping)
K.W. & S.D.
Executive Engineer/Procuring Agency

ELIGIBILITY AND EVALUATION CRITERIA OF THE TENDER

Bid shall be evaluated on the basis of following information are available with the bid :-

1. Bid shall be in sealed Cover.
2. Bid shall be properly signed by the Contractor with Stamp.
3. Name of firm, Postal address, Telephone number, Fax number, e-mail address must be written.
4. Rate must be quoted in figures and words.
5. NTN and Sales Tax (Where applicable).
6. Contractor should be registered with Sindh Revenue Board in terms of Rule-46(1)(iii) of SPP Rules, 2010 (amended 2014).
7. Relevant Experience of work (03) Three years.
8. Turnover at least (03) Three years.
9. Bid Security of required amount.
10. Conditional bid will not be considered.
11. Bid will be evaluated according to SPPR 2010 (Amended 2013).
12. Debarred Contractors bid cannot be accepted.

NAME OF WORK:-

REPAIR / MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO.2 BY REPLACEMENT OF WORN-OUT PARTS OF K-3 PUMP HOUSE, DHABEJI.**(B) Description and rate of Items based (On Item rate basis)**

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
1.	01Job	Disconnecting of Electric connection from Motor Panel i/c heater & Bearing temperature connection from motor.			Job	
2.	01Job	Dismantling & Pull out of H.T Motor from Pump basement.			Job	
3.	01Job	Removal of Pulley from Pump shaft with the help of Hydraulic puller machine & oxygen acetylene flam as per instruction of Engineer incharge			Job	
4.	01Job	Removal of Pump casing after dismantling all Nuts from pump casing in half Portion.			Job	
5.	01Job	Pull out complete Pump i/c shaft from Pump section 25ft depth as per instruction of E/I.			Job	
6.	01Job	Removal of Bearing housing from Pump base / bed from the drive end side with the help of Hydraulic puller machine and oxygen acetylene flam as per instruction of E/incharge.			Job	
7.	02Jobs	Removal of Bearing No. 7330 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I.			Job	
8.	01Job	Removal of Bearing housing from Impeller shaft with the help of Hydraulic pressure machine and oxygen acetylene flam as per instruction of E/incharge.			Job	
9.	01Job	Removal of Bearing No. 6326 from bearing housing with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of E/I.			Job	
10.	02 Jobs	Removal of Neck Ring from Impeller with the help of Hydraulic pressure machine and oxygen acetylene flam as per instruction of E/in-charge.			Job	
11.	01Job	Removal of Impeller from the Pump Shaft with the help of heavy duty Hydraulic pressure machine and oxygen acetylene flam with out changing the shape of Impeller & shaft by the highly skilled worker as per instruction of Engineer incharge.			Job	
12.	02 Jobs	Removal of Upper & Lower S.S Sleeve from the Pump shaft with the help of Hydraulic pressure machine and oxygen acetylene flam as per instruction of E/I			Job	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
13.	02 Jobs	Removal of protective Pump casing ring from pump casing with the help of Hydraulic pressure machine and oxygen acetylene flam as per instruction of Engineer incharge			Job	
14.	02Nos	Local Manufacturing of Pump Casing Protective Ring of KSB pump type RDLV 700-820A from Manganese Bronze by casting from free Air pocket, having composition Copper 58%, Tin 1%, Lead 2%, Iron 1%, Manganese 0.25%, Aluminum 2% and Zinc 37.55% with casting size OD=600mm, ID=475mm, height 110mm, having finished size dia 550mm, ID = 495mm, width / depth complete curve side 55mm, making inner dia from Neck Ring side 551mm, depth 40mm i/c making collar at half portion of ring 5mm depth & width at outer dia of ring at center for holding purpose of ring at pump casing i/c fixing the ring on pump casing as per instruction of Engineer incharge			Each	
15.	02Nos	Local Mfg. of Impeller Protective Ring of KSB Pump type RDLV 700-820A from alloy stainless steel by casting from free Air pocket / Air bubble having composition Stainless Steel 65%, Carbon 5%, Lead 3%, Iron 22%, Cadmium 2%, Cobalt 1%, Silicon 2% with casting size dia O.D.=560mm, I.D.= 512mm, width=50mm having finished size dia outer 550mm, inner dia 527mm & depth 40mm i/c fixing on Pump Impeller as per instruction of Engineer in-charge.			Job	
16.	01No	Local Mfg. of Pump Shaft Protective Sleeve of Lower KSB Pump type RDLV 700-820A from Stainless steel type AISI 316 (Pharmaceutical food grade) solid shaft having finished size outer dia 165mm & making inner dia 145mm and length 262mm making inside sleeve dia 148mm at a distance from upper & lower side 75mm i/c making key slot 10mm depth, length of slot 45mm, width 9mm as per sample & instruction of Engineer in-charge i/c fixing of Sleeve in Pump shaft by heating & press fit process.			Each	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
17.	01No	Local Mfg. of Pump Shaft Protective Sleeve upper for KSB Pump type RDLV 700-820A from Stainless steel type AISI 316 (Pharmaceutical food grade) having finished size Outer dia 165mm & Inner dia 145mm complete length 515mm and inside Sleeve dia 148mm at a distance from upper & lower side 75mm i/c making fixing groove at upper ID=151mm, depth 6mm i/c making key slot at inner side 10mm, depth, width of slot 10mm, Length of Slot 45mm i/c fixing of Pump shaft by heating & Press fit process as per sample & instruction of E/incharge.			Each	
18.	01Job	Repair & Reconditioning of Pump shaft bearing housing & having cover plate by method of welding process having finished size OD = 290mm, Inner dia = 230mm, depth = 45mm i/c buffing polishing complete.			Job	
19.	06Nos.	Local Mfg. of Nut & Bolts for Shaft coupling from S.S. Solid Shaft having outer dia 1.7 & Length 6" making machining outer dia. 25mm & length 120mm, i/c making American thread on its 24mm complete length 120mm i/c making both head hexagonal shape length 25mm each hexagonal shape width 10mm as per sample i/c making nuts with 1.75" dia S.S. Solid shaft length 1" making inside same dia 25mm & making thread inside 24mm complete i/c making hexagonal shape at other dia each side width =10mm & length 25mm as per sample & instruction of Engineer incharge.			Each	
20.	10Nos.	Local Mfg. of Nuts & Bolts for Shaft coupling from Stainless steel Solid shaft having outer dia both 38mm & length 115mm i/c making dia bolt 20mm & Length 75mm i/c American Thread and in it 20mm complete length 75mm i/c making hexagonal head at 25mm height each hexagonal head at 10mm i/c making Nut, with same dia solid shaft making hexagonal shape each side width 10mm and length 125mm & making inside American thread 25mm as per sample & instruction of E/I			Each	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
21.	02Nos.	Making key of protective sleeve from Stainless steel having finished size height 20mm, width 10mm & length 40mm as per sample.			Each	
22.	01Job	Fixing of the Impeller on the Pump shaft with the help of hydraulic press machine & oxygen acetylene flam as per instruction of E/I			Job	
23.	01Job	Balancing of Pump shaft dynamically after fixing of Impeller on the Pump shaft as per instruction of E/incharge.			Job	
24.	01No.	Local Mfg. and Fixing of spacer ring for Impeller Pump Shaft from 152mm dia length 25mm after machining finished size OD=140mm, ID=130mm and height 20mm i/c grinding, polishing & fixing at pump shaft near bearing portion.			Each	
25.	12Nos.	Local Mfg. of Shaft coupling stud form high Carbon high tensile solid shaft outer dia 25mm length 88mm i/c machining & making 'V' Shape thread at outer dia 12mm complete length 88mm i/c making nuts from 20mm solid shaft making inner hole 15mm dia & making 'V' Shape at outer dia each side hexagonal 7mm width as per instruction of the Engineer incharge.			Each	
26.	01No	Providing / Fixing lock spring MB-26 for Bearing No.6326 C-3 Branded SKF as per instruction of E / I.			Each	
27.	05 Kgs	Providing / Fixing of 20mm x 20mm each 4 side Teflon Gland packing, high pressure, high temperature resistant (Imported) as per instruction of E/incharge.			Kg	
28.	01Kg	Providing of USA made DADEX jointing solution at site			Kg	
29.	05 Meter	P/F of 0.5mm Kilingrite Fiber sheet made by England having width 1-Meter after cleaning rubbing of old sheet piece from the Pump Casing surface both Pump Casing as per instruction of Engineer in-charge.			Meter	
30.	100 Lbs	Supply of Cotton Waste bags (White Bleached) 100Lbs.			Lb.	
31	01 Job	Fixing of complete Pump Impeller Shaft at Lower Pump Room and fitting of 48Nos. Nuts of pump casing leak proof as per instruction of E/incharge.			Job	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
32.	01 Job	Fixing of Intermediate Shaft of 35MGD KSB Pump with Impeller shaft by coupling bush with zero alignment as per origin tight fit Nut & bolts.			Job	
33.	01 Job	Fixing of Pulley of Pump shaft by the help of hydraulic press machine and oxygen acetylene flam.			Job	
34.	01 Job	Local Mfg. & fixing of Chuck Nut / Lock Nut with locking washer device of Specific feather to with Stand against dynamic stress on the Pump set during operation with vanadium Pharmaceutical shaft from 178mm dia, length 37mm, finished size OD = 170mm, ID = 128mm width 35mm having chamfered at one end side 60° at Corner length 10mm i/c making square groove for gripping 06Nos. i/c tempering & hardening as per instruction of E/I.			Job	
35.	01No.	Local Mfg: of Rubber lined bearing bush from phosphorus bronze material having OD = 240mm, ID = 170mm & length 260mm by centrifugal casting free to air bubble / air pocket with finished outer dia 210mm, ID 185mm, length 230mm i/c making collar at one end dia 220mm, width 10mm i/c making step cutting between outer bush dia 208mm, length 120mm i/c making inside bush groove cut for gripping rubber line each distance 20mm , depth 3mm V shape i/c making 2 hole at collar bottom side & thread in hole 10mm & rigid fixing of Butyl Rubber compound lining having resistance temperature, workable to water lubricants & capable to afford & friction by compressed molding process inside the bronze bush having outer dia 185mm, inner dia 160mm, & length 240mm i/c making groove square shape at rubber line 10Nos each and equal distance 6mm width , 7mm depth at complete length 240mm for passing water lubricants as per instruction of Engineer in-charge.			Each	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
36.	01 No	Local Mfg: of Gland lantern Neck Ring of KSB Pump from special phosphorus bronze manganese with centrifugal casting having OD = 230mm, ID = 147mm, width = 25mm & making / polishing having OD = 210mm, & ID = 162mm, width 15mm as per inst. of E/I.			Each	
37.	01 No	Local Mfg: of Water throat ring of KSB Pump from special phosphorus bronze manganese with centrifugal casting having OD=230mm, ID=147mm, length=46mm i/c making finished size with collar dia from out side 190mm , inner collar dia 152mm, complete overall dia 210mm, ID=162mm, collar thickness 5mm both side, total width 36mm i/c making two slots 5mm width & 5mm depth i/c making 06 Hole 13mm dia each & equal distance at thread dia as per instruction of E / I			Each	
38.	01 No	Local Mfg: of Bearing housing ceramic seal , having OD=132mm, ID=116mm, & width upper side =8mm both corner side chamfered at 60° and bottom side outer dia 124mm as per instruction of E/incharge.			Each	
39.	02Nos.	Local Mfg: of Ceramic seal for shaft sleeve, having OD = 151mm, ID = 141mm, having seal cross sectional dia 5"as per instruction of E/incharge.			Each	
(i).	15Kgs.	Providing pure Stainless Steel Nuts & bolts i/c washers 'M' Brand size 15mm to 25mm			Kg.	
(ii).	10Kgs.	Providing Lubricant Special Grease LGHP 2/1 High performance Polyurea temp 302°f /150°C, SKF Brand for newly filled grease on Bearings.			Kg.	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
43. (i).	800Sft.	Scraping, Brushing and removing Old Paint from metal surface.			%Sft.	
43. (ii).	800Sft. 800Sft.	Painting Gurards, Bars, Gates, Iron Bars, Grating railing i/c standard braces etc. and similar open work. 1 st Cost. 2 nd Cost.			%Sft. %Sft.	
44.	01Job	Transportation, loading & unloading charges at Dhabeji to Karachi different workshop at Karachi and back to Dhabeji Pump House i/c loading & un-loading.			Job	
Total: Rs:						

Total: Rs:

Resident Engineer
Dhabeji Division (Pumping)
Resident Engineer

I/We hereby quoted Rs. _____ (Rupees

_____ Only)

execution of above work and I / We hereby undertaking accept all clauses of SPPR-2010 and comply the Rules of KW&SB.

Signature of Contractor
With name of firm & Seal

Address _____

Contact # _____