



Karachi Water & Sewerage Board

OFFICE OF THE RESIDENT ENGINEER

NORTH EAST KARACHI (PUMPING & FILTER) K-II & K-III DIVISION NEK 100MGD Pump Houses, Saadi Town, Scheme-33, Distt: Malir

Cell No. 0333-2393180

NOTICE INVITING TENDERS (Through Press & Website) (ON ITEM RATE BASIS)

Sealed Tenders are invited on single stage - single envelope system as per SPPRA Rules-2010 (Amended 2013) for the following work:
(Estimated Cost Below 2.5 Million)

1.	Name of works	1) COMPLETE OVERHAULING OF 4500M/H (25MGD) SET 'B' AT HIGH LIFT PUMP HOUSE AT N.E.K. (P&F) K-II PLANT 2) REPAIRING AND RECONDITIONING, MAINTENANCE OF NON - RETURN VALVE 800MM DIA PUMP SET NO.4 AT N.E.K. (P&F) K-II & K-III PLANT
2.	Eligibility of Certificate	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). Turnover at least Rs.2.5 Million of last Three years must be attached with the tender.
3.	Experience of Certificate	Three years Experience Certificate of similar job must be attached with the Tender.
4.	Tender can be purchased / Issuing of Bidding Documents	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 between 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.	Tender Cost of works	1). Rs.2,000/- (Non-refundable in shape of Pay Order 2). Rs.2,000/- in favour of Karachi Water & Sewerage Board
7.	Last date of issuing	W.e.f. 1st Publication to Dated 29-03-2017 between 09:00 A.M. to 01:00 P.M
8.	Date & Time of submission and opening of Tender.	Submission of Tender at 30-03-2017 at 2:00 PM and Opening of tender at 2:30 PM on same day
9.	Un-responded Tender will be again issued / submitted / opened (2nd Attempt)	2nd Attempt tender will be issue from 31-03-2017 to 15-04-2017 and Submission on 16-04-2017 at 02:00 PM and will be opened on same day at 02:30 PM.
10.	Place of Opening	The Procurement Committee-I, KW&SB at the Office of the Convener / Director (Design & Estimate), KW&SB, Gulshan-e-Iqbal, Block-18, Karachi.
11.	Source of Funding	KW&SB's own fund of current financial year 2016-2017.
12.	Scope of Works	For improvement, smooth & un-interrupted pumping of drinking water to the Karachi city from North East Karachi K-II & K-III (Pumping & Filter Plant), KW&SB
13.	Estimated cost of work	1). Rs. 20,81,064/- 2). Rs. 16,79,629/-

Note:

- Tender can be seen and download from SPPRA website www.pprasindh.gov.pk.
- The participants must quote the rates both in words and figures. Incomplete / Conditional tenders will not be accepted.
- 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.
- 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.
- Conditional bid cannot be accepted.
- Bid must be in sealed cover and experience certificate for Three years of similar nature of job must be attached with the bid.
- Specifications and details regarding above jobs can be seen and discussed with Resident Engineer, North East Karachi (Pumping & Filter), K-II & K-III Division KW&SB in Division Office situated at North East Karachi 100MGD Pump Houses, Saadi Town, Scheme 33, at any working day during office hours and Contact No: 0333-2393180 at any working day during office hours.
- Debarred Contractors bid cannot be accepted.

KW&SB/DPR/2017/34

KARACHI WATER & SEWERAGE BOARD

(Signature)
PARDEEP KUMAR
Resident Engineer
N.E.K (P&F) K-II-III,
K-1003

کراچی واٹر اینڈ سیوریج بورڈ



آفیس آف ڈی ریزیڈینٹ انجنئر

نارت ایسٹ کراچی (پمپنگ اینڈ فلٹس) K-II & K-III ڈویژن

NEK 100MGD پمپ ہاؤس، سعیدی ٹائون، اسکیر 33 ضلعو ملیر

سیل نمبر 0333-2393180

ٹینڈر گھرانٹ جو نوٹیس

(پریس ۽ ویب سائٹ وسیلی) (آئٹم ریت بنیاد تي)

مہرینڈ ٹینڈرز SPPRA روز 2010 (ترمیم 2013) تحت ہیملین کمن واسطی سنگل اسٹیج سنگل ایئرولوب سسٹم تحت گھرانٹ نا.

(تخمینی لاگت 2.5 ملین کان ہیٹ)

1	کمن جو نالو	1) مکمل اوورہالنگ (25MGD) 4500M/II جی سیٹ B آیت ہاؤس پمپ ہاؤس آیت K-II (P&F) N.E.K پلاٹ
2	سرٹیفکیٹ جی اہلیت	2) مرمت ۽ ریکنڈیشننگ مینٹیننس آف نان ریٹرن والو 800MM ڈیبا پمپ سیٹ نمبر 04 آیت K-II & K-III (P&F) N.E.K پلاٹ
3	سرٹیفکیٹ جو تجربو	واک ڈینڈو کانٹریکٹرز این ٹی این / سیزر ٹیکس اینڈ سنڈ روٹینو بورڈ کان شرط رول (1) 46 (3) ایس پی پی روز 2010 (ترمیم شدہ 2014) موجب رجسٹرڈ ہجرتن اوور گھت بر گھت 2.5 ملین گزریل ٹن سالن جی مڈی وارو لازمی ٹینڈر سان شامل ہجی
4	ٹینڈر خریدی سگھن نا / واک کاغذات جو اجراء	تن سالن جو تجربی جو سرٹیفکیٹ ملندو جلدو کمر ٹینڈر سان ایچ ٹیل ہجی.
5	واک ضمانت	ٹینڈر دستاویز آفیس آف ایکٹوئٹس آفیس (روٹینو) فنانس ڈپارٹمنٹ، KWSB آیت ہید آفیس فرسٹ فلور سوک سینٹر اینکسی بلڈنگ، گلشن اقبال، کراچی مان صبح 9 وگی کان منجھند ہک وگی تائین خرید کری سگھن نا.
6	کمن جی ٹینڈر کاسٹ	2 سیکڑو کوٹہ رقم بصورت پی آرڈر / بینک ڈرافٹ بحق کراچی واٹر اینڈ سیوریج بورڈ
7	جاری ٹینڈر جی آری تاریخ	1) 2000 روپیا از ورڈ جوگا بصورت پی آرڈر 2) 2000 روپیا بحق کراچی واٹر اینڈ سیوریج بورڈ
8	جمع کرائن ۽ ٹینڈر کلن جی تاریخ ۽ وقت	شامع ٹین جی پھریں ڈینھن کان تاریخ 2017-03-29 وچ بر صبح 9 وگی کان منجھند ہک وگی تائین
9	ٹینڈر موصول ٹینڈر بیہرہ جاری ٹینڈر / جمع کرائیا / کولیاویندا (2 مرحلو)	جمع کرائی سگھیا 2.00 وگی تائین تاریخ 2017-03-30 تی ۽ ٹینڈر کولیاویندا کولیاویندا 2.30 وگی ساگی ڈینھن
10	کلن جو ہنڈ	2 مرحلو ٹینڈر جاری ٹینڈر 2017-03-31 کان 2017-04-15 تائین ۽ جمع کرائیا 16-2017-04-04 تی 02.00 وگی ۽ کولیاویندا ساگی ڈینھن تی 02.30 وگی
11	فنانڈنگ جو وسیلو	ہر کوئیورینٹ کمیٹی KW&SB آیت ڈی آفیس آف ڈی کنورسٹر / ڈائریکٹر (ڈزائن ۽ اسٹیمیت) KW&SB گلشن اقبال بلاک 18 کراچی
12	کمن جو اسکوپ	KW&SB جا ذاتی فنڈ مالی سال 2016-2017
13	کمر جی تخمینی لاگت	براء سڈاور روٹی سان ۽ بنا کٹھن رکاوٹ پشین جی پائی جی پمپنگ کراچی شہر تائین نارت ایسٹ کراچی K-II & K-III (پمپنگ ۽ فلٹر پلاٹ) KW&SB
		1) 2081064/= 2) 1679629/=

نوٹ:

1. ٹینڈر ایس پی پی آرای ویب سائٹ www.pprasindhi.gov.pk تان ڈائون لوڈ کری سگھن نا
2. حصو وائڈو امیدوارا گھ پھنی انکن تری آکرن بر ڈین اڈورا / مشروط ٹینڈر قبول نہ کیاویندا.
3. ہر کوئیورنگ ایجنسی ہک یا سینیٹی آچرن ایس پی پی روز 2010 رد ۽ ہڈنگ پرویس کٹھن بر وقت رول 25 موجب منصوبا کینسل ٹی سگھن نا.
4. مشروط واک قبول نہ کیاویندا
5. ہر ہرینڈ گورور ۽ تجربی جو ٹن سالن جو سرٹیفکیٹ ملندو جلدو کمر جو پڈ سان ایچ ٹیل ہجی.
6. ہر جو اسپیسیفکیشن ۽ تفصیل ڈسی سگھنی ٹو ۽ ڈسکس کری سگھنی ٹو ریزیڈنٹ انجنئر نارت ایسٹ کراچی (پمپنگ اینڈ فلٹس) K-II & K-III ڈویژن KW&SB پمپنگ آفیس واقع آیت نارت ایسٹ کراچی 100MGD پمپ ہاؤسز سعیدی ٹائون اسکیر 33 وک کٹھن بر کمر واری ڈینھن تی آفیس وقت دوران رابطو نمبر 0333-2393180.
7. ہر کمر جی ڈزائن سگھن نا قبول نہ کیاویندا.

کراچی واٹر اینڈ سیوریج بورڈ

KW&SB/DPR/2017/34

اریع 15 مارچ 2017ء، بمطابق 15 جمادی الثانی 1438ھ

Daily SARWAN Karachi
روزانہ ساروان کراچی

Asstt

Signature

PARDEEP KUMAR
Resident Engineer
N.E.K-II & K-III,
P.M.S.D



KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE RESIDENT ENGINEER
NORTH EAST KARACHI (PUMPING & FILTER) K-II & K-III DIVISION

Cell No.0333-2393180

NEK 100MGD Pump Houses, Saadi Town, Scheme-33, Distt: Malir

No.RE/NEK/(P&F)K-II/NIT/2016-17/ 80

Dated: 08/02 2017

✓ The Director Public Relations,
K.W.&S.B.

**Subject: PUBLICATION OF NOTICE INVITING TENDERS
(UNDER SPPRA-2010).**

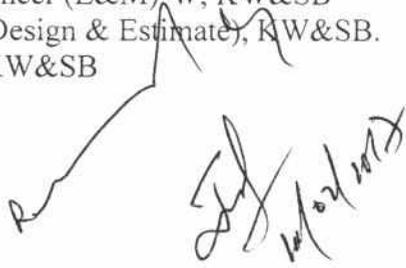
I am enclosing herewith 12 copies of N.I.T. of the following works for publication in leading daily Newspapers (English, Urdu & Sindhi etc.) of Karachi at an early date :-

S.No.	Name of Work
1.	COMPLETE OVERHAULING OF 4500M/H (25MGD) SET 'B' AT HIGH LIFT PUMP HOUSE AT N.E.K. (P&F) K-II PLANT.
2.	REPAIRING AND RECONDITIONING, MAINTENANCE OF NON-RETURN VALVE 800MM DIA OF PUMP SET NO.4 AT N.E.K. (P&F) K-II & K-III PLANT.

Approvals of Managing Director, KW&SB are enclosed.


Resident Engineer
N.E.K. (P&F) K-II & K-III Div.
KW & SB

Copy to:-

1. The Chief Engineer (E&M)-W, KW&SB
 2. The Director (Design & Estimate), KW&SB.
 3. S.E.(P&F)-2, KW&SB
 4. Work file.
 5. Office copy.
- 



KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE RESIDENT ENGINEER
NORTH EAST KARACHI (PUMPING & FILTER) K-II & K-III DIVISION

Cell No.0333-2393180

NEK 100MGD Pump Houses, Saadi Town, Scheme-33, Distt: Malir

No.RE/NEK(P&F)K-II-K-III/NIT/2016-17/79

Dated: 08/2/2017

NOTICE INVITING TENDERS **(Through Press & Website)** **(ON ITEM RATE BASIS)**

Sealed Tenders are invited single stage – single envelope system as per SPPRA Rules-2010 (Amended 2013) for the following works :-

Estimated Cost below 2.5 Million

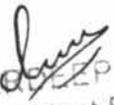
1.	Name of Works	1). COMPLETE OVERHAULING OF 4500M/H (25MGD) SET 'B' AT HIGH LIFT PUMP HOUSE AT N.E.K. (P&F) K-II PLANT. 2). REPAIRING AND RECONDITIONING, MAINTENANCE OF NON-RETURN VALVE 800MM DIA OF PUMP SET NO.4 AT N.E.K. (P&F) K-II & K-III PLANT.
2.	Eligibility of Contractor	Bidder / Contractor having 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). Turnover at least Rs.2.5 Million of last Three years must be attached with the Tender.
3.	Experience Certificate	Three years Experience Certificate of similar of job must be attached with the Tender
4.	Tender can be Purchased / Issuing of Bidding Documents	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.	Tender Cost of work	1). Rs.2,000/= (Non-refundable in shape of Pay order in 2.) Rs.2,000/= favour of Karachi Water & Sewerage Board.)
7.	Last date of Issuing	W.e.f. 1 st . Publication to Dated : <u>29/13/2017</u> between 09.00A.M. to 01.00P.M.
8.	Date & Time of submission and Opening of Tender.	Submission of Tender at <u>30/13/2017</u> at 02:00 PM and Opening of Tender at 02:30 PM on same day.
9.	Un-responded Tender will be again issued / submitted / opened (2 nd . Attempt)	2 nd . Attempt Tender will be issue from <u>31/13/2017</u> to <u>15/14/2017</u> and Submission on <u>16/14/2017</u> at 02.00 PM and will be open on same day at 02.30 PM.

10	Place of opening.	The Procurement Committee-I, KW&SB at the Office of the Convener / Director (Design & Estimate), KW&SB, Gulshan-e-Iqbal, Block-18, Karachi.
11	Source of Funding	KW&SB's own fund of current financial year 2016-2017.
12	Scope of works	For Improvement smooth & un-interrupted Pumping of drinking water to the Karachi city from North East Karachi K-II & K-III (Pumping & Filter Plant), KW&SB
13	Estimated Cost of work	1). Rs.20,81,064/= 2). Rs.16,79,629/=

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.
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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, North East Karachi (Pumping & Filter) K-II & K-III Division KW&SB in Division Office situated at North East Karachi 100MGD Pump Houses, Saadi Town, Scheme-33, at any working day during office hours and Contact No: **0333-2393180** at any working day during office hours.
8. Debarred Contractors bid cannot be accepted.

KARACHI WATER AND SEWERAGE BOARD


PARESH KUMAR
Resident Engineer
N.E.K (P&F) K-II-III
KW&SB



KARACHI WATER & SEWERAGE BOARD
HUMAN RESOURCES DEVELOPMENT AND ADMINISTRATION DEPARTMENT
PHONE NO. 021-331464 - 021-99231463

No. KW&SB/D.M.D/HRD&A/1259

Dated: 23rd November, 2016

CORRIGENDUM

In pursuance of office order No. KW&SB/D.M.D/HRD&A/919, dated 22-10-2015 regarding constitution of Complaint Redressal Committee (CRC) for compliance of Rule-31 of SPPRA, and Corrigendum No. KW&SB/HRD&A/D.M.D/944, dated 30.10.2015, Syed Iftikhar-ul-Hassan, D.A.O., A.G. Sindh may be read as Member instead of Sr. Director (HRM), KMC as Member.

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

Mr. Faizal
Keep in record.
Syed Iftikhar-ul-Hassan
Dir (D&A) 28/11/16

[Signature]
Dy. Managing-Director (HRD&A)
KW&SB

DISTRIBUTION

1. Dy. Managing Director (TS) KW&SB
2. Dy. Managing Director (Planning) KW&SB
3. Sr. Director (Finance), KW&SB / Convener Committee.
4. Chief Engineer, Korangi, KW&SB / Member/Secretary.
5. Chief Engineer, Central, KMC / Member.
6. Syed Iftikhar-ul-Hassan, D.A.O., A.G. Sindh / Member.
7. Divisional Accounts Officer (South), KW&SB / Member
8. Sr. Director (HRM), KMC.
9. S.E. East, KW&SB
10. Director (IT) KW&SB
11. Director Administration, KW&SB
12. Executive Engineer, (Sew-II), Jamshed Town, KW&SB
13. AD (LFA) KW&SB
14. AO (ESTT) KW&SB
15. Office Copy.
16. Master File.

c.c. to Managing Director, KW&SB



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



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

No. KW&SB/SR. DIR./HRD&A/397

Dated: 14th April, 2016

OFFICE ORDER

The Procurement Committee-I is re-constituted as per Rule-07 of Sindh Public Procurement Rules-2010, 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 as under:

Sr. No.	Nominee	Position in P C
1.	Director Design & Estimate	Convener / Chairman
2.	Superintending Engineer (Concerned)	Member
3.	Representative of D.G. (TS), KMC	Member
4.	Representative of Finance Advisor, KMC	Member
5.	A.O. / D.A.O. / A.A.O. (Concerned)	Member/Secretary

The office of the Director Design shall be headquarter for Procurement Committee-I.

The Concerned Superintending Engineer shall maintain the record of Procurement proceedings as required under Rule-9 of SPPRA-2010

This issues on the recommendation of Chief Engineer (IPD)/D M D (Planning) KW&SB and with the approval of Managing Director, KW&SB vide para 5/N.


14/4/2016
SR. DIRECTOR (HR)
KW&SB

DISTRIBUTION

1. Dy. Managing Director (TS) /C.E. (BT&D)/C.E (WTM) KW&SB
2. Dy. Managing Director (Planning) / C.E (IPD) KW&SB
3. Chief Engineer (W/S) KW&SB
4. Director Design & Estimate/Convener / Chairman Committee
5. All Members of the Committee.
6. Sr. Director (Finance) KW&SB
7. Director (IT) KW&SB
8. Director (I&C) M.D Sectt: KW&SB
9. Staff Officer to Vice Chairman, KW&SB
10. AD (LFA) KW&SB
11. AO (ESTT) KW&SB
12. AO (Budget) KW&SB
13. IAO-II KW&SB
14. Office Copy.
15. Master File.

c.c. to Managing Director, KW&SB

OO-2016


19/4/16

ANNUAL PROCUREMENT PLAN FOR THE YEAR 2016-2017
NORTH EAST KARACHI (PUMPING & FILTER) K-II & K-III, KW&SB.

(Revised-1)

S. #	DESCRIPTION OF PROCUREMENT	QUANTITY (WHERE APPLICABLE)	ESTIMATED UNIT COST (WHERE APPLICABLE)	ESTIMATED TOTAL COST (In Million Rs.)	FUNDS ALLOCATED (In Million Rs.)	SOURCE OF FUNDS ADP / NON-ADP	PROPOSED PROCUREMENT METHOD	TIMING OF PROCUREMENT 2016-2017			
								Q1	Q2	Q3	Q4
1.	SERVICING OF 112 KW INDUCTIONS MOTOR I/C COMPLETE OVER HAULING OF KSB PUMP B-14, D-4 LCP "NO. 3" AT N.E.K (P&F), K-II PLANT.	Copy attached	Copy attached	0.9 Million	6253-26 6 Million	NON-ADP	Single Stage One Envelope System Through Website	--	Dec 2016	--	--
2.	PROVIDING & FIXING BEARINGS FOR SET. "03" KSB PUMP TYPE (SNW 600-720) INSTALLED AT NEK K-III P/H.	Copy attached	Copy attached	1.6 Million	6253-41 6 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	Dec 2016	--	--
3.	EMERGENT REPAIRING OF 11/200 KVA TRANSFORMER AT NEK (P&F) K-II KW&SB	Copy attached	Copy attached	1.00 Million	6253-40 2 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	Jan 2017	--
4.	NECESSARY SERVICING ELECTRICALLY OPERATOR MOTORS / ELECTRONIC CARDS & REPLACEMENT / REPAIRING BURN/DAMAGE & FUSED COMPONENTS OF ROTOR & PENSTOCK GATE VALVES FOR RAPID TWIN GRAVITY FILTER BEDS NO. M.O&P AT NEK (F/P) K-II KW&SB.	Copy attached	Copy attached	0.88 Million	6253-25 5.5 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	Jan 2017	--
5.	REPAIRING / MAINTENANCE WORK OF 6660M/H (35 MGD) PUMP (A) AT LOW LIFT P/H AT NEK (P), K-II PLANT.	Copy attached	Copy attached	2.3 Million	6253-25 5.5 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	Feb 2017	--
6.	URGENT R/M WORK OF OPERATING ELECTRIC PANEL FOR H.T MOTOR NO. (1,4&5) 525KW, 11KV AT N.E.K, K-III PUMP HOUSE.	Copy attached	Copy attached	2.3 Million	6253-41 6 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	Feb 2017	--
7.	RUNNING & MAINTENANCE WORK OF SET NO. "02" AT NEK-KIII PUMP HOUSE.	Copy attached	Copy attached	1.00 Million	6253-41 6 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	Feb 2017	--
8.	COMPLETE OVERHAULING OF 4500M/H (25MGD) SET (B). AT HIGH LIFT PUMP HOUSE AT NEK (P&F) K-II, PLANT.	Copy attached	Copy attached	2.3 Million	6253-26 6 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	--	Apr 2017
9.	REPAIRING & RECONDITIONING, MAINTENANCE OF NON RETURN VALVE 800 MM DIA OF PUMP SET No. "04" AT N.E.K (P&F), K-II & K-III Plant.	Copy attached	Copy attached	1.85 Million	6253-41 6 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	--	Apr 2017
10.	ELECTRICAL ENGINEERING SERVICES OF PANEL FOR 11/200 KV TRANSFORMER I/C REPLACEMENT OF CABLE & SERVICING OF PANEL FOR 80 HP WASH WATER MOTOR AT N.E.K (P&F), K-II.	--	--	1.00 Million	6253-26 6 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	Apr 2017
11.	SERVICING OF 112 KW, A/C INDUCTION MOTOR I/C COMPLETE OVER HAULING OF K.S.B PUMP B-14, D-4, LCP NO. 1 AT N.E.K (P&F) K-II.	--	--	0.9 Million	6253-25 5.5 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	Apr 2017

12.	ELECTRICAL ENGINEERING SERVICES 11/3.3 KV, 412 KW ELECTRIC MOTOR (C), AT HIGH LIFT P/H E AT NEK (P&F), K-II, PLANT.	--	--	1.1 Million	6253-25 5.5 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	--	Apr 2017
13.	EMERGENT ENGINEERING SERVICES COMPLETE FABRICATION & FIXING OF S.S SLEEVE OF WEIR PUMP 6660M/H (35 MGD) PUMP "A" AT NEK K-II PLANT.	--	--	2.15 Million	6253-26 6 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	--	Apr 2017
14.	MECHANICAL ENGINEERING SERVICES OF NON RETURN VALVE 800 MM DIA OF PUMP SET NO. "B" AT HIGH LIFT PUMP HOUSE NEK (P&F) K-II PLANT.	--	--	1.85 Million	6253-26 6 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	--	Apr 2017
15.	COMPLETE OVERHAULING OF 2008.8 M3/H (WEIR PUMP) # A I/C SERVICING OF ELECTRIC MOTOR & PANEL INSTALLED AT HIGH LIFT P/H N.E.K (P&F), K-II.	--	--	0.5 Million	6253-25 5.5 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	May 2017
16.	REPAIRING & RECONDITIONING, MAINTENANCE OF NON RETURN VALVE 800 MM DIA OF PUMP SET No. "01" AT N.E.K (P&F), K-II & K-III Plant.	--	--	1.85 Million	6253-41 6 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	--	May 2017
17.	REPAIRING & MAINTENANCE OF IN-LET AND OUT-LET GATE SHUTTER TYPE VALVES OF BEDS NO. P, L & N AT NEK K-II FILTER PLANT.	--	--	1.00 Million	6253-25 5.5 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	May 2017
18.	DE SILTING FROM THICKENER POND NO:2 AT NEK-KII	--	--	0.92 Million	7403-49 2.5 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	May 2017
19.	DE SILTING FROM OVER FLOW CHANNEL:2 AT NEK-KII	--	--	0.91 Million	7403-49 2.5 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	May 2017
20.	RAISING OF BOUNDARY WALL AT NEK-KII.	--	--	2.4 Million	7404-25 2.5 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	--	May 2017
21.	EMERGENT MAJOR OVERHAULING OF ISUZU TRUCK NO. GS-8092 MODEL 1974, N E K (P&F), K-II PLANT.	--	--	0.6 Million	6252-02 0.8 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	May 2017
22.	EMERGENT WORK OF A/C HINO COASTER NO. GA - 4357, N E K (P&F), K-II PLANT.	--	--	0.2 Million	6252-02 0.8 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	May 2017
23.	JUNGLE CLEARANCE / LEVELING AND DRESSING IN THE PREMISES OF NEK 100 MGD PLANT.	--	--	0.8 Million	7403-19 1.5 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	May 2017


PARDEEP KUMAR
 Resident Engineer,
 N.E.K (P&F) K-II-III,
 W&SB

Province :- Sindh
 Branch :- KW&SB
 YEAR 2016-2017

C.P.W.D.-3
 N.E.K. (P&F),K-II DIVISION
 N.E.K.(P),K-III Sub-Division

Pg-1

ABSTRACT OF COST ORIGINAL ESTIMATE

P.W.A. Code Paragrapha 330 - 332

NAME OF WORK :- COMPLETE OVERHAULING OF 4500M/H (25MGD) WEIR SET (B), AT HIGH LIFT PUMP HOUSE AT NEK (P&F) K-II, PLANT.

S.NO	Sub Heads and items of Work	Quantity of Nos	RATE		PER	AMOUNT		TOTAL
			RS	PS		RS	PS	
1	Removal of termination & isolate the terminal box from motor, then de-coupled the motor from pump & dismantle the 25mgd pump from foundation & debalting all the parts, re-assemble the pump after engineering services & pump placed & balanced at foundation couple 412 KW motor with pump complete its connection i/c servicing of termination as per direction of engineer in charge.	01 Job	47,475-00		01 job	47,475-00		
			66,560-00			66,560-00		
2	Removal of impeller from pump shaft with help of hydraulic pressure machine & oxygene acetylene flame and chemical treatment as per direction of engineer in charge.	01 Job.	16,275-00		01 job	16,275-00		
			34,580-00			34,580-00		
3	Re-conditioning & balancing of UNIGLIDE type impeller of weir pump by welding of worn out wings used special organ welding with help of kansi electrodes & machining & grinding to bring finished size with out disturbing its original shape & balancing as per sample and as per direction of engineer inn charge.	01 Job.	78,600-00		01 job	78,600-00		
			86,963-00			86,963-00		
4	Re-fixing of impeller in pump shaft with help of hydraulic pressure machine and balancing with accurate centre.	01 Job.	11,075-00		01 job	11,075-00		
			28,680-00			28,680-00		
5	Providing 20X20mm Telfon gland packing.	10 KG	✓ 1,250	00	kg	✓ 12,500	00	
6	Providing rubber flange gas kit size 4x1/8" thic; 2mm (PB-49,P.71 IT.06)	25 Kg.	✓ 220	00	Rft	✓ 5,500	00	
7	Providing DADEX jointing Solution, made in USA	01 KG	✓ 1200	00	kg	✓ 1,200	00	
8	Providing Cotton waste (PB-48, 3-38, Page 35)	60 Kg.	✓ 60.00	00		✓ 3,600	00	
9	P/F 0.5mm Fiber paper sheet (England Made) having w-1 Meter	04 meter	✓ 300	00	meter	✓ 1,200	00	
			60,130	00		60,130	00	
10	Providing of bearing # 6318 BCG (SKF)	01 No.	60,130	00	No.	60,130	00	
	Detail of Service.							
	Vibration Analysis							
	Dynamic Balancing							
					TOTAL	3,00,903	00	C/O

2,37,525.00

Province :- Sindh
 Branch :- KW&SB
 YEAR 2016-2017

C.P.W.D.-3 Pg-2
 N.E.K. (P&F),K-II DIVISION
 N.E.K.(P),K-III Sub-Division

ABSTRACT OF COST ORIGINAL ESTIMATE

P.W.A. Code Paragrapha 330 - 332

NAME OF WORK :- Complete Overhauling of 4500m/h (25MGD) Weir Set (B) ,at High Lift Pump House at NEK(P&F),K-II, Plant.

S.NO	Sub Heads and items of Work	Quantity of Nos	RATE		PER	AMOUNT		TOTAL
			RS	PS		RS	PS	
	Service Fee for Laser Alignment / Cheeking.				B/F	3,00,903	00	
	Service Fee for Bearing Mounting / Dismounting					237528	00	
	Transportation Charges of all equipments.							
	Weight / Shims / Lubricants of SKF							
	up down of SKF certified engineers for 3 days.							
11	Removal of Pulley From Pump Shaft with the help of Hydraulic pressure machine & oxygene acetylene flame as per direction of in charge.	01 Job ✓	11475	00	job	11475	00	
			20,330	00		20,330	00	
12	Repairing & re-conditioning, polishing of Bearing houseing having size, 1st 190mm, 2nd 125mm taper ,depth 315mm complete in all respect and as per direction of engineer in charge	01 Job ✓	35075	00	job	35075	00	
			65,160	00		65,160	00	
13	Removal of wear Ring and neck ring from the pump casing with the help of hydraulic pressure machine & oxygen actylene Flame as per direction of engineer in charge	04 Nos. ✓	11475	00	No.	45900	00	
			20,330	00		81,320	00	
14	Manufacturing of wear ring from bronze metal (imported) as per sample and direction of engineer in charge. Size ; 1st O.D.560, I.D.524 , 2nd OD.532 I D 484 & thickness 66mm , thickness 18 mm.	02 Nos. ✓	120432	00	No.	241264	00	
			187921	49		375842	98	
15	Fixing of bronze made neck & wear ring Size of wear ring, W-66mm,thickness 25mm, O.D, 530mm, I.D,505mm, Size of neck Ring W-66mm, 1st O.D,560mm, 1st I.D 524mm, 2nf O.D,532mm, 2nd I.D,484mm thickness 18mm	04 Nos ✓	11325	00	No.	45300	00	
			14,160	00		56,640	00	
16	Fixing of bronze made sleeve upper side in pump shaft having size L1, 192mm, O.D, 140mm, I.D,85mm, L2 ,361mm, O.D,125mm,I.D 85mm,fix with the help of Hydraulic pressure machine & oxygen actylene Flame as per direction of engineer in charge	01 No. ✓	11325	00	No.	11325	00	
			14,160	00		14,160	00	
					TOTAL	9,14,355	98	C/O
						= 627867	00	

Province :- Sindh
 Branch :- KW&SB
 YEAR 2016-2017

C.P.W.D.-3 Pg-3
 N.E.K. (P&F),K-II DIVISION
 N.E.K.(P),K-III Sub-Division

ABSTRACT OF COST ORIGINAL ESTIMATE

P.W.A. Code Paragrapha 330 - 332

NAME OF WORK :- Complete Overhauling of 4500m/h (25MGD) Weir Set (B) ,at High Lift Pump House at NEK(P&F),K-II, Plant.

B/P RS. 627967-00

S.NO	Sub Heads and items of Work	Quantity of Nos	RATE		PER	AMOUNT		TOTAL
			RS	PS		RS	PS	
17	Removal of bronze made sleeve upper side with the help of Hydraulic pressure machine & oxygen actylene Flame as per direction of engineer in charge	01 No.	11325-00	00	B/F No.	11325-00	00	
18	Manufacturing of neck Ring with bronze metal (Imported) as per sample & direction of engineer in charge. Size; OD 530mm , I D 505 mm , Thickness 25 mm , W - 66 mm.	02 Nos.	118205-51	00	No.	236410-02	00	
19	Removal of bronze made sleeve lower side with the help of Hydraulic pressure machine & oxygen actylene Flame as per direction of engineer in charge	01 No.	11475-00	00	No.	11475-00	00	
20	Fixing of bronze made sleeve lower side in pump shaft having size L1, 192 mm, O.D, 140mm, I.D,85mm, L2 361 mm, O.D, 125 mm, I.D 85 mm,fix with the help of Hydraulic pressure machine & oxygen actylene Flame as per direction of engineer in charge	01 No.	11325-00	00	No.	11325-00	00	
21	Manufacturing of Pully caller type from Bronze metal (Imported) having size; L - 175 mm , O D 175 mm , I D 150 mm , Caller 10mm , as per ample and direction of engineer in charge.	02 Nos.	35495-00	00	No.	70990-00	00	
22	Removal of bronze made bush from shaft with the help of Hydraulic pressure machine & oxygen actylene Flame as per direction of engineer in charge	01 No.	11475-00	00	No.	11475-00	00	
23	Manufacturing of Shaft Bush from bronze metal (Imported) as per sample & direction of engineer In charge. L-1. 192mm , O D 140mm , I D 85 mm L - 2 361 mm , O D 125 mm , I D 85 mm.	02 Nos.	48365-24	00	No.	96730-48	00	
24	Providing Nuts & Bolts i/c Plain & Spring washers. (PB-49,P.71 IT.05)	85 Kg	250	00	Kg	21,250	00	
			TOTAL			16,18,756-48	00	C/O

Rs. 16,18,756.48

ANNUAL PROCUREMENT PLAN FOR THE YEAR 2016- 2017
NORTH EAST KARACHI (PUMPING & FILTER) K-II & K-III, KW&SB.

(Revised-1)

S. #	DESCRIPTION OF PROCUREMENT	QUANTITY (WHERE APPLICABLE)	ESTIMATED UNIT COST (WHERE APPLICABLE)	ESTIMATED TOTAL COST (In Million Rs.)	FUNDS ALLOCATED (In Million Rs.)	SOURCE OF FUNDS ADP /NON-ADP	PROPOSED PROCUREMENT METHOD	TIMING OF PROCUREMENT 2016-2017			
								Q1	Q2	Q3	Q4
1.	SERVICING OF 112 KW INDUCTIONS MOTOR I/C COMPLETE OVER HAULING OF KSB PUMP B-14, D-4 LCP "NO. 3" AT N.E.K (P&F), K-II PLANT.	Copy attached	Copy attached	0.9 Million	6253-26 6 Million	NON-ADP	Single Stage One Envelope System Through Website	--	Dec 2016	--	--
2.	PROVIDING & FIXING BEARINGS FOR SET. "03" KSB PUMP TYPE (SNW 600-720) INSTALLED AT NEK K-III P/H.	Copy attached	Copy attached	1.6 Million	6253-41 6 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	Dec 2016	--	--
3.	EMERGENT REPAIRING OF 11/200 KVA TRANSFORMER AT NEK (P&F) K-II KW&SB	Copy attached	Copy attached	1.00 Million	6253-40 2 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	Jan 2017	--
4.	NECESSARY SERVICING ELECTRICALLY OPERATOR MOTORS / ELECTRONIC CARDS & REPLACEMENT / REPAIRING BURN/DAMAGE & FUSED COMPONENTS OF ROTOR & PENSTOCK GATE VALVES FOR RAPID TWIN GRAVITY FILTER BEDS NO. M.O&P AT NEK (F/P) K-II KW&SB.	Copy attached	Copy attached	0.88 Million	6253-25 5.5 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	Jan 2017	--
5.	REPAIRING / MAINTENANCE WORK OF 6660M/H (35 MGD) PUMP (A) AT LOW LIFT P/H AT NEK (P), K-II PLANT.	Copy attached	Copy attached	2.3 Million	6253-25 5.5 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	Feb 2017	--
6.	URGENT R/M WORK OF OPERATING ELECTRIC PANEL FOR H.T MOTOR NO. (1,4&5) 525KW, 11KV AT N.E.K, K-III PUMP HOUSE.	Copy attached	Copy attached	2.3 Million	6253-41 6 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	Feb 2017	--
7.	RUNNING & MAINTENANCE WORK OF SET NO. "02" AT NEK-KIII PUMP HOUSE.	Copy attached	Copy attached	1.00 Million	6253-41 6 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	Feb 2017	--
8.	COMPLETE OVERHAULING OF 4500M/H (25MGD) SET (B), AT HIGH LIFT PUMP HOUSE AT NEK (P&F) K-II, PLANT.	Copy attached	Copy attached	2.3 Million	6253-26 6 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	--	Apr 2017
9.	REPAIRING & RECONDITIONING, MAINTENANCE OF NON RETURN VALVE 800 MM DIA OF PUMP SET No. "04" AT N.E.K (P&F), K-II & K-III Plant.	Copy attached	Copy attached	1.85 Million	6253-41 6 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	--	Apr 2017
10.	ELECTRICAL ENGINEERING SERVICES OF PANEL FOR 11/200 KV TRANSFORMER I/C REPLACEMENT OF CABLE & SERVICING OF PANEL FOR 80 HP WASH WATER MOTOR AT N.E.K (P&F), K-II.	--	--	1.00 Million	6253-26 6 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	Apr 2017
11.	SERVICING OF 112 KW, A/C INDUCTION MOTOR I/C COMPLETE OVER HAULING OF K.S.B PUMP B-14, D-4, LCP NO. 1 AT N.E.K (P&F) K-II.	--	--	0.9 Million	6253-25 5.5 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	Apr 2017

Province :- Sindh
 Branch :- KW&SB
 YEAR 2016-2017

C.P.W.D.-3
 N.E.K. (P&F),K-II DIVISION
 N.E.K.(P),K-III Sub-Division

ABSTRACT OF COST ORIGINAL ESTIMATE

P.W.A. Code Paragrapha 330 - 332

NAME OF WORK :- COMPLETE OVERHAULING OF 4500M/H (25MGD) WEIR SET (B), AT HIGH LIFT PUMP HOUSE AT NEK (P&F) K-II, PLANT.

S.NO	Sub Heads and items of Work	Quantity of Nos	RATE		PER	AMOUNT		TOTAL
			RS	PS		RS	PS	
1	Removal of termination & isolate the terminal box from motor, then de-coupled the motor from pump & dismantle the 25mgd pump from foundation & debalting all the parts, re-assemble the pump after engineering services & pump placed & balanced at foundation couple 412 KW motor with pump complete its connection i/c servicing of termination as per direction of engineer in charge.	01 Job	47,475-00	00	01 job	47,475-00	00	
2	Removal of impeller from pump shaft with help of hydraulic pressure machine & oxygene acetylene flame and chemical treatment as per direction of engineer in charge.	01 Job.	16,275-00	00	01 job	16,275-00	00	
3	Re-conditioning & balancing of UNIGLIDE type impeller of weir pump by welding of worn out wings used special organ welding with help of kanshi electrodes & machining & grinding to bring finished size with out disturbing its original shape & balancing as per sample and as per direction of engineer inn charge.	01 Job.	78,600-00	00	01 job	78,600-00	00	
4	Re-fixing of impeller in pump shaft with help of hydraulic pressure machine and balancing with accurate centre.	01 Job.	11,075-00	00	01 job	11,075-00	00	
5	Providing 20X20mm Telfon gland packing.	10 KG	1,250	00	kg	12,500	00	
6	Providing rubber flange gas kit size 4x1/8" thic; 2mm (PB-49,P.71 IT.06)	25 Kg.	220	00	Rft	5,500	00	
7	Providing DADEX jointing Solution, made in USA	01 KG	1,200	00	kg	1,200	00	
8	Providing Cotton waste (PB-48, 3-38, Page 35)	60 KG	60	00	00	3,600	00	
9	P/F 0.5mm Fiber paper sheet (England Made) having w-1 Meter	04 meter	300	00	meter	1,200	00	
10	Providing of bearing # 6318 BCG (SKF)	01 No.	60,130	00	No.	60,130	00	
Detail of Service.								
Virabtion Analysis								
Dynamic Balancing								
TOTAL						3,00,903	00	C/O

2,27,535.00

12.	ELECTRICAL ENGINEERING SERVICES 11/3.3 KV, 412 KW ELECTRIC MOTOR (C), AT HIGH LIFT P/H E AT NEK (P&F), K-II, PLANT.	--	--	1.1 Million	6253-25 5.5 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	--	Apr 2017
13.	EMERGENT ENGINEERING SERVICES COMPLETE FABRICATION & FIXING OF S.S SLEEVE OF WEIR PUMP 6660M/H (35 MGD) PUMP "A" AT NEK K-II PLANT.	--	--	2.15 Million	6253-26 6 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	--	Apr 2017
14.	MECHANICAL ENGINEERING SERVICES OF NON RETURN VALVE 800 MM DIA OF PUMP SET NO. "B" AT HIGH LIFT PUMP HOUSE NEK (P&F) K-II PLANT.	--	--	1.85 Million	6253-26 6 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	--	Apr 2017
15.	COMPLETE OVERHAULING OF 2008.8 M3/H (WEIR PUMP) # A I/C SERVICING OF ELECTRIC MOTOR & PANEL INSTALLED AT HIGH LIFT P/H N.E.K (P&F), K-II.	--	--	0.5 Million	6253-25 5.5 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	May 2017
16.	REPAIRING & RECONDITIONING, MAINTENANCE OF NON RETURN VALVE 800 MM DIA OF PUMP SET No. "01" AT N.E.K (P&F), K-II & K-III Plant.	--	--	1.85 Million	6253-41 6 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	--	May 2017
17.	REPAIRING & MAINTENANCE OF IN-LET AND OUT-LET GATE SHUTTER TYPE VALVES OF BEDS NO. P, L & N AT NEK K-II FILTER PLANT.	--	--	1.00 Million	6253-25 5.5 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	May 2017
18.	DE SILTING FROM THICKENER POND NO:2 AT NEK-KII	--	--	0.92 Million	7403-49 2.5 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	May 2017
19.	DE SILTING FROM OVER FLOW CHANNEL:2 AT NEK-KII	--	--	0.91 Million	7403-49 2.5 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	May 2017
20.	RAISING OF BOUNDARY WALL AT NEK-KII.	--	--	2.4 Million	7404-25 2.5 Million	NON-ADP	Single Stage One Envelope System Through Tender	--	--	--	May 2017
21.	EMERGENT MAJOR OVERHAULING OF ISUZU TRUCK NO. GS-8092 MODEL 1974, N E K (P&F), K-II PLANT.	--	--	0.6 Million	6252-02 0.8 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	May 2017
22.	EMERGENT WORK OF A/C HINO COASTER NO. GA - 4357, N E K (P&F), K-II PLANT.	--	--	0.2 Million	6252-02 0.8 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	May 2017
23.	JUNGLE CLEARANCE / LEVELING AND DRESSING IN THE PREMISES OF NEK 100 MGD PLANT.	--	--	0.8 Million	7403-19 1.5 Million	NON-ADP	Single Stage One Envelope System Through Website	--	--	--	May 2017


PARDEEP KUMAR
 Resident Engineer,
 N.E.K (P&F) K-II-III,
 W&SB

Province :- Sindh
 Branch :- KW&SB
 YEAR 2016-2017

C.P.W.D.-3
 N.E.K. (P&F),K-II DIVISION
 N.E.K.(P),K-III Sub-Division

Pg-2

ABSTRACT OF COST ORIGINAL ESTIMATE

P.W.A. Code Paragrapha 330 - 332

NAME OF WORK :- Complete Overhauling of 4500m/h (25MGD) Weir Set (B) ,at High Lift Pump House at NEK(P&F),K-II, Plant.

S.NO	Sub Heads and items of Work	Quantity of Nos	RATE		PER	AMOUNT		TOTAL
			RS	PS		RS	PS	
	Service Fee for Laser Alignment / Cheeking.				B/F	3,00,903	00	
	Service Fee for Bearing Mounting / Dismounting					237528	00	
	Transportation Charges of all equipments.							
	Weight / Shims / Lubricants of SKF							
	up down of SKF certified engineers for 3 days.							
11	Removal of Pulley From Pump Shaft with the help of Hydraulic pressure machine & oxygene acetylene flame as per direction of in charge.	01 Job.✓	11475-	00	job	11475-	00	
			20,330	00		20,330	00	
12	Repairing & re-conditioning, polishing of Bearing housing having size, 1st 190mm, 2nd 125mm taper ,depth 315mm complete in all respect and as per direction of engineer in charge	01 Job ✓	35075-	00	job	35075-	00	
			65,160	00		65,160	00	
13	Removal of wear Ring and neck ring from the pump casing with the help of hydraulic pressure machine & oxygen actylene Flame as per direction of engineer in charge	04 Nos.✓	11475-	00	No.	45900-	00	
			20,330	00		81,320	00	
14	Manufacturing of wear ring from bronze metal (imported) as per sample and direction of engineer in charge. Size ; 1st O.D.560, I.D.524 , 2nd OD.532 I.D 484 & thickness 66mm , thickness 18 mm.	02 Nos.✓	120632-	00	No.	241264-	00	
			187921	49		375842	98	
15	Fixing of bronze made neck & wear ring Size of wear ring, W-66mm,thickness 25mm, O.D, 530mm, I.D,505mm, Size of neck Ring W-66mm, 1st O.D,560mm, 1st I.D 524mm, 2nf O.D,532mm, 2nd I.D,484mm thickness 18mm	04 Nos ✓	11325-	00	No.	45300-	00	
			14,160	00		56,640	00	
16	Fixing of bronze made sleeve upper side in pump shaft having size L1, 192mm, O.D, 140mm, I.D,85mm, L2 ,361mm, O.D,125mm,I.D 85mm,fix with the help of Hydraulic pressure machine & oxygen actylene Flame as per direction of engineer in charge	01 No.✓	11325-	00	No.	11325-	00	
			14,160	00		14,160	00	
					TOTAL	9,14,355	98	C/O
						= 627867-	00	

Province :- Sindh
Branch :- KW&SB
YEAR 2016-2017

C.P.W.D.-3 Pg-3
N.E.K. (P&F),K-II DIVISION
N.E.K.(P),K-III Sub-Division

ABSTRACT OF COST ORIGINAL ESTIMATE

P.W.A. Code Paragrapha 330 - 332

NAME OF WORK :- Complete Overhauling of 4500m/h (25MGD) Weir Set (B) ,at High Lift Pump House at NEK(P&F),K-II, Plant.

B/P RS-627967-00

S.NO	Sub Heads and items of Work	Quantity of Nos	RATE		PER	AMOUNT		TOTAL
			RS	PS		RS	PS	
17	Removal of bronze made sleeve upper side with the help of Hydraulic pressure machine & oxygen actylene Flame as per direction of engineer in charge	01 No.	11325-00	00	B/F	11325-00	00	-9,14,355 98
			20,330	00	No.	20,330	00	
18	Manufacturing of neck Ring with bronze metal (Imported) as per sample & direction of engineer in charge. Size; OD 530mm , I D 505 mm , Thickness 25 mm , W - 66 mm.	02 Nos.	118205-00	00	No.	236410-00	00	-365,869 02
			182,934	51	No.	365,869	02	
19	Removal of bronze made sleeve lower side with the help of Hydraulic pressure machine & oxygen actylene Flame as per direction of engineer in charge	01 No.	11475-00	00	No.	11475-00	00	-20,330 00
			20,330	00	No.	20,330	00	
20	Fixing of bronze made sleeve lower side in pump shaft having size L1, 192 mm, O.D, 140mm, I.D,85mm, L2 , 361 mm, O.D, 125 mm, I.D 85 mm,fix with the help of Hydraulic pressure machine & oxygen actylene Flame as per direction of engineer in charge	01 No.	11325-00	00	No.	11325-00	00	-14,160 00
			14,160	00	No.	14,160	00	
21	Manufacturing of Pully caller type from Bronze metal (Imported) having size; L - 175 mm , O D 175 mm , I D 150 mm , Caller 10mm , as per ample and direction of engineer in charge.	02 Nos.	35495-00	00	No.	70990-00	00	-48,188 00
			48,188	00	No.	96,376	00	
22	Removal of bronze made bush from shaft with the help of Hydraulic pressure machine & oxygen actylene Flame as per direction of engineer in charge	01 No.	11475-00	00	No.	11475-00	00	-20,330 00
			20,330	00	No.	20,330	00	
23	Manufacturing of Shaft Bush from bronze metal (Imported) as per sample & direction of engineer In charge. L-1. 192mm , O D 140mm , I D 85 mm L - 2 361 mm , O D 125 mm , I D 85 mm.	02 Nos.	49365-00	00	No.	98730-00	00	-72,877 24
			72,877	24	No.	145,754	48	
24	Providing Nuts & Bolts i/c Plain & Spring washers. (PB-49,P.71 IT.05)	85 Kg	250	00	Kg	21,250	00	
			TOTAL			16,18,756	48	C/O

Rs. 16,18,756.48

Province :- Sindh
 Branch :- KW&SB
 Year 2016 - 2017

C.P.W.D.-3 PG- 4
 N.E.K. (P&F),K-II, K-III Division
 N.E.K.(P),K-III Sub-Division

ABSTRACT OF COST ORIGINAL ESTIMATE

P.W.A. Code Paragraph 330 - 332

NAME OF WORK :- Complete Overhauling of 4500m/h (25MGD) Weir Set (B) ,at High Lift Pump House at NEK(P&F),K-II, Plant.

S.NO	Sub Heads and items of Work	Quantity of Nos	RATE		PER	AMOUNT		TOTAL
			RS	PS		RS	PS	
25	Fixing of bronze made bush in pump shaft with the help of Hydraulic pressure machine & oxygen actylene Flame , size of bush L-134mm, 140mm with 10mm coller 2nd 125mm, as per direction of engineer in charge	01 No. ✓	11325- 14,160-00	00	No.	11325- 14,160-00	00	
26	Removal of rubber bearing (spider bush) from shaft with help of hydraulic pressure machine & oxygen actylene Flame as per direction of engineer in charge	01 No. ✓	4925- -9,011-25	00	No.	4925- -9,011-25	00	
27	Manufacturing of spider bush Rubber bearing with bronze body re-enforces with neuprem rubber as per sample,L-130mm,O.d.150mm I.d.115mm, as per direction of engineer in charge	01 No. ✓	19152- -37,916-63	00	No.	19152- -37,916-63	00	
28	Fixing of rubber bearing (Spider Bush) on lower saleev with the helpe of hydraulic pressure machine.	01 No. ✓	11325- -14,160-00	00	No.	11325- -14,160-00	00	
29	Local Manufacturing of Shaft protecting sleeve made by high class carbon alloy steel (imported) for 85mm dia solid shaft saleev, Fix on shaft size L-305mm,O.D. 114mm, I.D.85mm with the helpof hydraulic pressure machine after Removing worn out sleeve, complete in all respect and as per direction of engineer in charge.	01 Job. ✓	23760- -74,825-00	00	job	23760- 74,825-00	00	
30	Over hauling of 3.3 KV,412 KW A/C Induction Motor High Lift Pump House. Scope of Work as Under :- * Removal of coupling from motor shaft. * Initial testing and dismantling of Motor. * Washing / Cleaning of winding with Special Cleaning agent (C.T.C.) * Drying Winding at 110 C temperature. * Testing of winding before impegranatain. * Impregnatain of winding with class " F" warnish, insulation and drying.							
	(Itm No 30. Count... On Pg No. 4)		Total			1169240- -17,68,827-88	00	

Province :- Sindh
 Branch :- KW&SB
 YEAR 2016-2017

C.P.W.D.-3 Pg-6
 N.E.K. (P&F),K-II DIVISION
 N.E.K.(P),K-III Sub-Division

ABSTRACT OF COST ORIGINAL ESTIMATE

P.W.A. Code Paragrapha 330 - 332

NAME OF WORK :- Complete Overhauling of 4500m/h (25MGD) Weir Set (B) ,at High Lift Pump House at NEK(P&F),K-II, Plant.

S.NO	Sub Heads and items of Work	Quantity of Nos	RATE		PER	AMOUNT		TOTAL	
			RS	PS		RS	PS		
34	Removal of M.S. Pulley from Motor Shaft.	01 Job	23,630	00	B/F each	23,630	00	19,19,809	
35	Fixing os M.S. Pulley in Motor Shaft.	01 Job	11,230	00	each	11,230	00		
36	Servicing of electric panel for operating 11/3.3 KV,412 KW A/C Induction motor decontamination of bus bar including replacement of over heated bus bar lugs, nuts and bolts etc (one incoming + 1 out going panel).	02 Jobs	60,615	00	Job	121,230	00		
37	Grease LGHP 2/I , SKF Brand (Imported)	10 Kg	6,500	00	Kg	65,000	00		
Total							29,10,781	00	
(Rs. Twenty Nine Lac Ten Thousand Seven Hundred Eighty One Only)									

Jawal
 Div. A
 North East Karachi
 (P&F) K-II, KW&SB

(Signature)

PARDEEP KUMAR
 Resident Engineer
 N.E.K.(P&F) K-II-III,
 KW&SB

JAMIL AHMED SARI
 Superintendent
 N.E.K. (P&F) K-II-III,
 KW&SB

An estimate amounting to RS. 29,10,781/- has been prepared by the concerned Division. After checking the rates and calculation of the estimate it was found to be correct. Dated: 18/11/2016. No. KW&SB/DES/DIR/2012/722 dt 29/8/2012.

(Signature)
 18-11-2016
 A-22

(Signature)
 18/11/2016
 A-22

(Signature)
 Estimate & functional check for
 20,81,064/-
 Section
 (ESM)
 DMD (TTS)

Province :- Sindh
Branch :- KW&SB
Year 2016-2017

C.P.W.D.-3
N.E.K. (P&F),K-II DIVISION
N.E.K.(P&F),K-II Sub-Division

ABSTRACT OF COST ORIGINAL ESTIMATE

P.W.A. Code Paragrapha 330 - 332

Name of Work :- Repairing & Reconditioning, Maintenance of Non Return Valve 800mm dia of Pump Set ~~of K-II~~ ^{of K-II} NEK (P&F) K-III P/H .

S.NO	Sub Heads and items of Work	Quantity of Nos	RATE		PER	AMOUNT		TOTAL
			RS	PS		RS	PS	
1	Complete dismantalling of Valve shutters disc pin both side of shutter disc, shutter disc & valve body seat bronze etc.	One Job	18450/-		job	18450-	00	
			21,580	00		21,580	00	
2	Repair & Re-conditioning of shutters valve disc both side of pin guide hole by method of re-filling cost iron X-ray welding the hole about 6" dia and length 5" i/c making line bore x-axis on line bore m/l having dia 100mm, length 3.5 " as per direction of engineer incharge.	One Job	163120/-	00	job	163120-	00	
			1,81,220	00		1,81,220	00	
3	Repair, re-conditioning of shutters valve disc, complete front & back side by method of sand blasting process i/c making "V" shape thread at disc conner for fixing the disc seating ring having dia 1000mm, length 25mm,with special holding attachment, i/c anti corrosion sea paint with side of disc two coat, as per direction of engineer incharge.	One Job	1,19,460/-	00	job	1,19,460-	00	
			1,98,248	00		1,98,248	00	
4	Local Mfg; of Valve Pin from s.s.solid shaft having dia 140mm , length 465mm making coller having dia 133 mm Length 30 mm, other step cutting havinf dia 120mm , length 310mm, and last step cutting dia 108 mm , length 120 mm making case harding on furnaue m/L as per direction of engineer incharge.	02 Nos	54390/-	00	each	108780-	00	
			61,590	00		4,23,180	00	
5	Repair & reconditioning of Valve body both pin guide hole by method of re filling oval shape (damged Hole) cost iron x ray welding about 6" dia and length 6" i/c making hole both pin guide at same axis with out disturbing of disalligment having dia 125mm length 25mm and other dia 107mm length 6" i/c sand balsting from in side the above body having width 800mm dia i/c making anticorrosive sea paint inside the valve as per direction of incharge.	02 Jobs	3,14,080/-	00	job	628160-	00	
			3,04,540	00		7,29,080	00	
					Total	42,53,308	00	

RS-1037970/-

