



نوائے وقت

جمعہ 17 جمادی الثانی 1438ھ 17 مارچ 2017ء، مسلسل اشاعت کے 76 سال

## کراچی واٹر اینڈ سینیوریج بورڈ



### تفصیلی

نور 14-03-2017 کو KW&SB/DPR/2017/34 کے تحت اشاعت میں شائع شدہ "ٹیڈر ٹرنس" کے نام سے ملے گا ہے کہ کاروبار میں ٹیڈر کے اجراء وصولی اور کھلنے کی تاریخ کو مطابق ذیل پڑ جائے گا: ٹیڈر کے اجراء کی تاریخ: 07-04-2017 تک 09:00 بجے سے 01:00 بجے کے دوران ٹیڈر کی وصولی اور کھلنے کی تاریخ اور وقت: 10-04-2017 کو دن 02:00 بجے تک وصول اور اسی دن 02:30 بجے کھلے گا۔  
جواب وصولی کی صورت میں (دوسری مرتبہ) ٹیڈر کے دوبارہ 22-04-2017 وصولی اور کھلنے کی تاریخ: ٹیڈر دوسری مرتبہ 11-04-2017 تا 25-04-2017 جاری اور 26-04-2017 کو دن 02:00 بجے تک وصول اور اسی دن 02:30 بجے کھلے گا۔ دیگر شرائط وضاحتی ہیں۔

KW&SB/DPR/2017/007

Daily SARWAN Karachi

روزانی  
سروان  
طکاری

جمعہ 17 مارچ 2017ء، بمطابق 17 جمادی الثانی 1438ھ

## کراچی واٹر اینڈ سینیوریج بورڈ



### درستگی

بحوالہ ٹینڈر نمبر 14-03-2017 کو نوٹس 'انڈر 34 KW&SB/DPR/2017/34 شائع ٹیڈر روزانی 'کان' 14-03-2017 کی اشاعت وصولی و کلن جون تاریخوں جانا یا ٹینڈر جون براہ مہربانی ہیٹھین ریت بڑھوں وین: اجراء جی آخری تاریخ: پھر دن اشاعت کان 2017-04-07 کی 09:00 بجے کان 01:00 بجے متھند جی وچ پر: ٹینڈر جمع کھلاؤ و گاڑ جی تاریخ و وقت: جمع کھلاؤ 2017-04-10 کی 02:00 بجے تکین و کولیڈیندا 2017-04-12 کی ساگی ڈنہن غجر موصول ٹینڈر پھر جاری ٹینڈر/جمع کھلاؤ/کولیڈیندا 2017-04-25 مرحلوں 2 مرحلوں پر ٹینڈر جاری ٹینڈر 2017-04-11 کان 25-04-2017 تکین و جمع کھلاؤ 2017-04-26 کی 02:00 بجے و کولیڈیندا ساگی ڈنہن تی 2017-04-26 کی 02:30 بجے شرطوں و ضابطا ساگی تی: ضابطا

KW&SB/DPR/2017/007

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

DAWN SATURDAY MARCH 18, 2017



## Karachi Water & Sewerage Board CORRIGENDUM

With reference to "Notice Inviting Tenders" under KW&SB/DPR/2017/34 published in daily "DAWN" on 14-03-2017, issuance, receiving and opening dates of the said tender may please be read as under:

**Last date of issuance:** 1st publication to 07-04-2017 between 09:00 A.M. to 01:00 P.M.

**Date & Time of Submission and Opening of Tender:** Submission on 10-04-2017 at 02:00 P.M. and will be opened at 02:30 P.M. on the same day. **Un-Responded Tender will be again issued/ submitted/opened (2nd Attempt):** 2nd attempt tender will be issued from 11-04-2017 to 25-04-2017 and submission on 26-04-2017 at 02:00 P.M. and will be opened on the same day at 02:30 P.M. Other terms & conditions remain same.

KW&SB/DPR/2017/007

DAWN WEDNESDAY MARCH 15, 2017



# 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](http://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

PARDEEP KUMAR

Resident Engineer

N.E.K (P&F) K-II-III,

SAADI TOWN

# ڪراچي واٽر اينڊ سيوريج بورڊ



آفيس آف ڊي ريڊيٽنٽ انجنيئر

نارٿ ايسٽ ڪراچي (پمپنگ اينڊ فلٽر) K-II & K-III ڊويزن

NEK 100MGD پمپ هائوس، سعدي ٽائون، اسڪير 33 ضلعو ملير

سيل نمبر 0333-2393180

ٽينڊر گهرائڻ جو نوٽيس

(پريس ۽ ويب سائٽ وسيلي) (آئٽم ريت بنياد تي)

مهرينڊ ٽينڊرز SPPRA رولز 2010 (ترميم 2013) تحت هيٺين ڪمن واسطي سنگل اسٽيج سنگل ايتروپلڊ سسٽم تحت گهرائڻ ٿا.

(تخميني لاڳت 2.5 ملين کان هيٺ)

1	ڪمن جو نالو	(1) مڪمل اوور هالنگ (25MGD) 4500M/II جي سيٽ B آيت هاءِ لفٽ پمپ هائوس آيت K-II (P&F) N.E.K پلاٽ
2	سرٽيفڪيٽ جي اهليت	(2) مرمت ۽ ريڪنڊيشننگ مينٽيننس آف نان ريٽرن والو 800MM ڊايا پمپ سيٽ نمبر 04 آيت K-II & K-III (P&F) N.E.K پلاٽ
3	سرٽيفڪيٽ جو تجربو	واڪ ڏيندڙ ڪانٽريڪٽرز ائين ٿي اين / سائيز ٽيڪس اينڊ سنڌ روٽيوري بورڊ کان شرط رول (1) 46 (3) ايس پي پي رولز 2010 (ترميم شده 2014) موجب رجسٽرڊ هجن ٽرن اوور گيٽ بر گيٽ 2.5 ملين گزريل ٽن سالن جي مدي وارو لازمي ٽينڊر سان شامل هجي
4	ٽينڊر خريدي سگهڻ ٿا / واڪ ڪاغذات جو اجراء	ٽن سالن جو تجربي جو سرٽيفڪيٽ ملندڙ جلدو ڪم ٽينڊر سان اتيڇ ليل هجي.
5	واڪ ضمانت	ٽينڊر دستاويز آفيس آف اڪائونٽس آفيسر (رونيو) فنانس ڊپارٽمينٽ، KWSB آيت هيڊ آفيس فرسٽ فلور سوڪ سينٽر اينڪسي بلڊنگ، گلشن اقبال، ڪراچي مان صبح 9 وڳي کان منجهند هڪ وڳي تائين خريد ڪري سگهجن ٿا.
6	ڪمن جي ٽينڊر ڪاسٽ	2 سيڪڙو ڪوٽڊ رقم بصورت پي آرڊر / بينڪ ڊرافٽ بحق ڪراچي واٽر اينڊ سيوريج بورڊ
7	جاري ٿيڻ جي آءِ ري تاريخ	(1) 2000 روپيا آرڊر جوڳا بصورت پي آرڊر (2) 2000 روپيا بحق ڪراچي واٽر اينڊ سيوريج بورڊ
8	جمع ڪرائڻ ۽ ٽينڊر ڪلڻ جي تاريخ ۽ وقت	شايع ٿيڻ جي پهرين ڏينهن کان تاريخ 2017-03-29 وچ بر صبح 9 وڳي کان منجهند هڪ وڳي تائين
9	تجربو موصول ٿيندڙ پمپنگ / جاري ٿيندڙ / جمع ڪرائيا / ڪولياويندا (2 مرحلو)	جمع ڪرائي سگهيا 2.00 وڳي تائين تاريخ 2017-03-30 تي ۽ ٽينڊر ڪولياويندا ڪولياويندا 2.30 وڳي ساڳي ڏينهن.
10	ڪلڻ جو هنڌ	2 مرحلو ٽينڊر جاري ٿيندا 2017-03-31 کان 2017-04-15 تائين ۽ جمع ڪرائيا 16 جاري ٿيندا / جمع ڪرائيا 2017-04-04 تي 02.00 وڳي ۽ ڪولياويندا ساڳي ڏينهن تي 02.30 وڳي
11	فنانسنگ جو وسيلو	پروڪيورمينٽ ڪميٽي KW&SB آيت ڊي آفيس آف ڊي ڪنورس / ڊائريڪٽر (ڊزائين ۽ اسٽيمٽ) KW&SB گلشن اقبال بلاڪ 18 ڪراچي
12	ڪمن جو اسڪوپ	KW&SB جا ذاتي فنڊ مالي سال 2016-2017
13	ڪم جي تخميني لاڳت	براءِ مٿاڇرو روائي سان ۽ بنا ڪنهن رڪاوٽ، پٿين جي پاڻي جي پمپنگ ڪراچي شهر تائين نارٿ ايسٽ ڪراچي K-II & K-III (پمپنگ ۽ فلٽر پلاٽ) KW&SB
		(1) 2081064/= (2) 1679629/=

نوٽ:

- ٽينڊر ايس پي پي آر اي ويب سائٽ [www.pprasinidli.gov.pk](http://www.pprasinidli.gov.pk) تان ڊائون لوڊ ڪري سگهن ٿا
- حصول ٿيندڙ اميدوارا ڪم ٺهڻي انڪن ٽريڊي اڪرن بر ڏين آڏورا / مشروط ٽينڊر قبول نه ڪيائيندا.
- پروڪيورنگ ايجنسي هڪ يا سڀئي آڇون ايس پي پي رولز 2010 رد ۽ ٻيڻگ، پروسس ڪنهن به وقت رول 25 موجب منصوبا ڪينسل ٿي سگهن ٿا.
- مشروط واڪ قبول نه ڪيائيندا
- ٻڌ مهينڊ ڪورپر ۽ تجربي جو ٽن سالن جو سرٽيفڪيٽ ملندڙ جلدو ڪم جو پڌ سان اتيڇ ليل هجي.
- مٿي جو ايجنسي فڪشن ۽ تفصيل ڏسي سگهجي ٿو ۽ ڊسڪس ڪري سگهجي ٿو ريڊيٽنٽ انجنيئر نارٿ ايسٽ ڪراچي (پمپنگ اينڊ فلٽر) K-II & K-III ڊويزن KW&SB آفيس واقع نارٿ ايسٽ ڪراچي 100MGD پمپ هائوس سعدي ٽائون اسڪير 33 وٽ ڪنهن به ڪم واري ڏينهن تي آفيس وقت دوران رابطو نمبر 0333-2393180.
- رو ڪم ڪندڙ ڪم ٺهڻي قبول نه ڪيائيندا.

ڪراچي واٽر اينڊ سيوريج بورڊ

KW&SB/DPR/2017/34

اربع 15 مارچ 2017ع، مطابق 15 جمادي الثاني 1438ھ

Daily SARWAN Karachi  
روزاني ساروان ڪراچي

Asad  
S

PARDEEP KUMAR  
Resident Engineer  
N.E.K. & P.M.I.  
P.O. Box 1111

تيل نمبر: 0333-2393180

سعدی ناؤن اسکیم 133 سنزکٹ ملیر

بدریغہ پریس اینڈ ویٹ سائٹ) (آئیٹم ریٹ کی بنیاد پر)

تخمینی لاگت 2.5 ملین

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

1- نیڈرلینڈز کی پی آر اس کے پی ایچ ایم سیٹ [www.spprasindh.gov.pk](http://www.spprasindh.gov.pk) پر دیکھیں اور ڈاؤن لوڈ کر سکتے ہیں۔

2- شرکاء کو سرخ و ہندوس اور لفظوں دونوں میں نہ کرنے ہوں گے۔ نام مکمل اور شرط نیڈرلینڈز کا قول نہ ہوں گے۔

3- شہر میں کسی گز یا پناہ گاہ کی صورت میں نیڈرلینڈز کی ہی مقام اور پوتہ پر وصول ہوئے گا۔ کھلے جائیں گے۔

4- ہر کیسنگ ایجنسی کو گواہی پی آر اور سرخ و ہندوس 2010 کے تحت کسی ایک یا تمام یونینوں کو مسٹر کرنے اور لنس پی آر اسے دیکر 2010 کے رول۔ 25 کے مطابق نیڈرلینڈز گز داری کی کارروائی منسوخ کرنے کا اختیار ہوگا۔

5- شرط اور ڈاؤن لوڈنگ ایجنسیوں کے نیڈرلینڈز کا قول نہ ہوں گے اور ایسی وقت مسٹر کر دیے جائیں گے۔

6- پولیس سرکیمبر ہونی جائے جس میں اور حلقہ لوہیت کے ماحول کا کائنات اور تجربہ کا شمولیت شلک ہونا چاہیے۔

7- مزید معلومات کے لئے متعلقہ آفسر یا غیر ذیل نمبر پر رابطہ کرنا چاہیے کہ ایچ ایف ایف K-III اور K-III ڈاؤن آفس واقعہ نامہ اور لنس کر 100MGD

8- پاپ ہاؤس صدی ڈاؤن 33 سے کام کے دنوں میں خیر کے اوقات میں تل نمبر 0333-2393180 پر رابطہ کیا جاسکتا ہے۔

9- DEBARDED ایجنسیوں کے نیڈرلینڈز کا قول نہ ہوں گے۔

## KW&amp;SB/DPR/2017/34



# 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: 08/04 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.

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.

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







# 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 invites 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 <sup>st</sup> . 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 <sup>st</sup> . Publication to Dated : <u>29/3/2017</u> between 09.00A.M. to 01.00P.M.
8.	Date & Time of submission and Opening of Tender.	Submission of Tender at <u>30/3/2017</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 <sup>nd</sup> . Attempt)	2 <sup>nd</sup> . Attempt Tender will be issue from <u>31/3/2017</u> to <u>15/4/2017</u> and Submission on <u>16/4/2017</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.pprasinhd.gov.pk](http://www.pprasinhd.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, 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**

  
**PARDEEP 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 - 231464 - 021 - 99231463

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

Dated: 23<sup>rd</sup> 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.*  
*Sd/-*  
*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: 14<sup>th</sup> 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

  
  
14/4/2016

**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		
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		
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		
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		
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	
10	Providing of bearing # 6318 BCG (SKF)	01 No.	✓ 60,130	00	No.	✓ 60,130	00	
	<u>Detail of Service.</u>							
	Virabtion Analysis							
	Dynamic Balancing							
					TOTAL	3,00,903	00	C/O

3,23,752.00



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	<del>3,00,903</del>	<del>00</del>	
	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	
			<del>20,330</del>	<del>00</del>		<del>20,330</del>	<del>00</del>	
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	
			<del>65,160</del>	<del>00</del>		<del>65,160</del>	<del>00</del>	
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	
			<del>20,330</del>	<del>00</del>		<del>81,320</del>	<del>00</del>	
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	
			<del>187921</del>	<del>49</del>		<del>375842</del>	<del>98</del>	
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	
			<del>14,160</del>	<del>00</del>		<del>56,640</del>	<del>00</del>	
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	
			<del>14,160</del>	<del>00</del>		<del>14,160</del>	<del>00</del>	
					TOTAL	9,14,355	98	C/O
						= 627867	00	

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-3

## 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	20,330-00	No.	11325-00	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	182,934-51	No.	236410-00	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	20,330-00	No.	11475-00	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	14,160-00	No.	11325-00	14,160-00	
21	Manufacturing of Pulley 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	48,188-00	No.	70990-00	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	20,330-00	No.	11475-00	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.	48365-00	72,877-24	No.	96736-00	145754-48	
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

**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 Pg-1  
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	47475-00		01 job	47475-00		
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.	16275-00		01 job	16275-00		
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.	78600-00		01 job	78600-00		
4	Re-fixing of impeller in pump shaft with help of hydraulic pressure machine and balancing with accurate centre.	01 Job.	11075-00		01 job	11075-00		
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	
10	Providing of bearing # 6318 BCG (SKF)	01 No.	✓ 60,130	00	No.	✓ 60,130	00	
	<u>Detail of Service.</u>							
	Virabtion Analysis							
	Dynamic Balancing							
					TOTAL	3,00,903	00	C/O

227535.00

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	<del>3,00,903</del>	<del>00</del>	
	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	
			<del>20,330</del>	<del>00</del>		<del>20,330</del>	<del>00</del>	
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	
			<del>65,160</del>	<del>00</del>		<del>65,160</del>	<del>00</del>	
13	Removal of wear Ring and neck ring from the pump casing with the help of hydraulic pressure machine & oxygen acetylene Flame as per direction of engineer in charge	04 Nos.✓	11475-	00	No.	45900-	00	
			<del>20,330</del>	<del>00</del>		<del>81,320</del>	<del>00</del>	
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	
			<del>187921</del>	<del>49</del>		<del>375842</del>	<del>98</del>	
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, 2nd O.D,532mm, 2nd I.D,484mm thickness 18mm	04 Nos ✓	11325-	00	No.	45300-	00	
			<del>14,160</del>	<del>00</del>		<del>56,640</del>	<del>00</del>	
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 acetylene Flame as per direction of engineer in charge	01 No.✓	11325-	00	No.	11325-	00	
			<del>14,160</del>	<del>00</del>		<del>14,160</del>	<del>00</del>	
					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- 62,7967-00

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	B/F	11325-	00	
			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		236410-	00	
			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		11475-	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		11325-	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		70990-	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		11475-	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.	48365-	00		96736-	00	
			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	✓	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 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	
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	No.	11325- 14,160-00	16,18,756-48
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	No.	4925- -9,011-25	
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	No.	19152- -37,916-63	
28	Fixing of rubber bearing (Spider Bush) on lower saleev with the helpe of hydraulic pressure machine.	01 No. ✓	11325- -14,160-00	No.	11325- 14,160-00	
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	job	23760- 74,825-00	
30	Over hauling of 3.3 KV,412 KW A/C Induction Motor High Lift Pump House. <b>Scope of Work as Under :-</b> * Removal of coupling from motor shaft. * Initial testing and dismentalling of Motor. * Washing / Cleaning of winding with Special Cleaning agent (C.T.C.) * Drying Winding at 110 C temparature. * Testing of winding before impegranatain. * Impregnatain of winding with class " F" warnish, insulation and drying.					
	(Itm No 30. Count... On Pg No. 4)		Total		1169340- -17,68,827-88	

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

**NAME OF WORK :-** Complete Overhauling of 4500m<sup>3</sup>/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	
	* Complete cheeking & balancing of rotor after decarbonise.				B/F	17,68,827	88	
	* Drying , heating of motor and roater.					11,69,340	- 00	
	* Decarbonising and cleaning of all three phase connection lead of motor.							
	* Decarbonising and cleaning of all three roter leads i/c re-taping H.T.class tape both ends points ( 06 Points) heaving length 6" each.							
	* Cleaning and replacement of L.T. pannel connector for motor heater.							
	* Assmby of all parts i/c roter motor etc.							
	* Cleaning and Painting of all parts.							
	* Static testing and painting of complete motor.		305,308	- 00		305,308	- 00	
	* witness testing at site.	01 Job	4,28,404	00	each	4,28,404	00	
31	Repairing and reconditioning & polishing of bearing housing (upper side) having Ist o.d.315mm, 2nd o.d.250mm, i.d.100mm, depth 140mm, complete in all respect & as per direction of engineer in charge.	01 Job	40,300	- 00	each	40,300	- 00	
32	Repair & reconditioning and polishing of lower bearing housing o.d.250 mm, I.d.150mm and depth 75 mm, complete in all respect and as per direction of engineer incharge	01 Job	38,460	- 00	each	38,460	- 00	
33	Providing and fixing of Bearing No. 7320 BECBM in SKF brand.	01 No.	✓ 91,800	00	each	✓ 91,800	00	
	Providing and fixing of Bearing No. NU - 320 ECP in SKF brand.	01 Job	✓ 83,000	00	each	✓ 83,000	00	
	<b>Detail of Service.</b>							
	Virabtion Analysis	01 Job	✓ 25,000	00	each	✓ 25,000	00	
	Dynamic Balancing	01 Job	✓ 72,000	00	each	✓ 72,000	00	
	Service Fee for Laser Alignment / Cheeking.	01 Job	✓ 48,000	00	each	✓ 48,000	00	
	Service Fee for Bearing Mounting / Dismounting	01 Job	✓ 22,000	00	each	✓ 22,000	00	
	Transportation Charges of all equipments.	01 Job	✓ 12,000	00	each	✓ 12,000	00	
	Weight / Shims / Lubricants of SKF	c/ 02 Job	✓ 12,600	00	each	✓ 12,600	00	
	up-down-of-SKF-certified engineers for 3 days.	01 Job	18,000	00	each	18,000	00	
			TOTAL			26,89,691	00 C/O	

$$= 19,324.09$$

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-5

## ABSTRACT OF COST ORIGINAL ESTIMATE

P.W.A. Code Paragraphs 330 - 332

**NAME OF WORK :-** Complete Overhauling of 4500m<sup>3</sup>/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	
	* Complete cheeking & balancing of rotor after decarbonise.				B/F	17,68,827	88	
	* Drying , heating of motor and roater.					11,69,340	- 00	
	* Decarbonising and cleaning of all three phase connection lead of motor.							
	* Decarbonising and cleaning of all three roter leads i/c re-taping H.T.class tape both ends points ( 06 Points) heaving length 6" each.							
	* Cleaning and replacement of L.T. pannel connector for motor heater.							
	* Assmbly of all parts i/c roter motor etc.							
	* Cleaning and Painting of all parts.							
	* Static testing and painting of complete motor.		305,308	- 00		305,308	- 00	
	* witness testing at site.	01 Job	4,28,404	00	each	4,28,404	00	
31	Repairing and reconditioning & polishing of bearing housing (upper side)							
	having Ist o.d.315mm, 2nd o.d.250mm, i.d.100mm, depth 140mm, complete in all respect & as per direction of engineer in charge.	01 Job	40,300	- 00	each	40,300	- 00	
32	Repair & reconditioning and polishing of lower bearing housing o.d.250 mm,							
	I.d.150mm and depth 75 mm, complete in all respect and as per direction of engineer incharge	01 Job	38,460	- 00	each	38,460	- 00	
33	Providing and fixing of Bearing No. 7320 BECBM in SKF brand.	01 No.	✓ 91,800	00	each	✓ 91,800	00	
	Providing and fixing of Bearing No. NU - 320 ECP in SKF brand.	01 Job	✓ 83,000	00	each	✓ 83,000	00	
	<b>Detail of Service.</b>							
	Virabtion Analysis	01 Job	✓ 25,000	00	each	✓ 25,000	00	
	Dynamic Balancing	01 Job	✓ 72,000	00	each	✓ 72,000	00	
	Service Fee for Laser Alignment / Cheeking.	01 Job	✓ 48,000	00	each	✓ 48,000	00	
	Service Fee for Bearing Mounting / Dismounting	01 Job	✓ 22,000	00	each	✓ 22,000	00	
	Transportation Charges of all equipments.	01 Job	✓ 12,000	00	each	✓ 12,000	00	
	Weight / Shims / Lubricants of SKF	c/ 02 Job	✓ 12,600	00	each	✓ 25,200	00	
	up-down of SKF-certified engineers for 3 days.	01 Job	18,000	00	each	18,000	00	
			TOTAL			26,89,691	00 C/O	

~~49,324.08~~  
19,178.08



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	13300	00	B/F	26,89,691	00	19,19,808
35	Fixing of M.S. Pulley in Motor Shaft.	01 Job	23,630	00	each	23,630	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	36378	00	Job	72756	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 Ali Kamboh  
Div. Officer  
North East Karachi  
(P&F) K-II, KW&SB

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

JAMIL AHMED SARI  
Superintendent Engineer  
N.E.K. (P), K-III Sub-Division

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. The estimate is approved for execution. Dated 18-11-2016.

18-11-2016  
A-RZ

Check for  
Tech.  
Estimate  
& functional  
Apr 20, 2016  
Resident Engineer  
(P&F) K-II  
DMD (T)

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 ~~412~~ <sup>412</sup> 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 dismantling of Valve shutters disc pin both side of shutter disc, shutter disc & valve body seat bronze etc.	One Job	18450/-		job	18450-	00	
			<del>21,580</del>	00		<del>21,580</del>	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	
			<del>1,81,220</del>	00		<del>1,81,220</del>	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	
			<del>1,98,248</del>	00		<del>1,98,248</del>	00	
4	Local Mfg; of Valve Pin from s.s. solid shaft having dia 140mm , length 465mm making collar 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	
			<del>61,590</del>	00		<del>4,23,180</del>	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	3,14,090/-	00	job	628180-	00	
			<del>3,04,540</del>	00		<del>7,29,080</del>	00	
					Total	42,53,308	00	

RS-1037970/-

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

B/F Rs. 10,37,970/-

Name of Work :- Repairing & Reconditioning, Maintenance of Non Return Valve 800mm dia of Pump Set 437/4 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	
6	Providing and fixing of shutter disc seat from bronze metal by casting having finished size outer 1175 mm dia and inner dia 800mm width 50mm i/c making inside "V" shape thread length 50mm as per direction of engineer incharge.	One Job	18,746.90	48	B/F	18,746.90	48	21,32,154.00
7	Providing and fixing valve body seat frame bronze metal by casting having finished size outer dia 1050 mm, inner dia 985 mm width 100mm i/c making "V" shape thread for fixing the seat on valve body and as per direction of engineer incharge.	One Job	15,528.50	43	each	15,528.50	43	2,76,838.43
8	Mfg; and fixing of pin guide cover from M S rod having dia 220mm, width 65mm making under cut from one side 140mm dia width 5mm other step cutting 63mm dia, width 25mm i/c making hole 8 Nos i/c having dia 19mm making greasing point as per direction e.incharge.	02 Jobs	16,110.00	00	each	32,220.00	00	35,230.00
9	Mfg; and fixing in valve body cermic seal (imported) having cross sectional dia 10mm, outer dia 1320mm as per direction of e.incharge.	One Unit	1,50,000.00	00	each	1,50,000.00	00	
10	Providing & Fixing of assorted size stain less steel Nuts,Bolts & Washer (Page 71, I-4, PB-49)	73 Kg	725.00	00	Kg	52,925.00	00	
11	Providing & Fixing of Oil paper.	04 Meter	2,500.00	00	meter	10,000.00	00	
12	Assembling of Non return Valve after complete satisfactory repair of valve disc valve pin, valve body, at proper place i/c application of anti corrosive coating and sea paint as per direction of engineer incharge.	One Job	53,760.00	00	Job	53,760.00	00	
(Rs.Twenty One Lac Eighty Two Thousand One Hundred Fifty Three & Ninty One Paisa only)			GRAND TOTAL			21,82,153.91	00	

*[Signature]*  
Assistant Engineer  
N.E.K. (P&F) K-II  
KW&SB

*[Signature]*

Estimate Tech. Checked  
and Sanctioned by - Rs. 16,79,629/-  
Ref. (5M)  
AMMO (FII)

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