

GOVERNMENT OF RAJASTHAN
INDIRA GANDHI NAHAR PROJECT

No. F-15-A-I(BSR)/P&M/455

Dated : 10/10/2017
11

ADDENDUM ORDER

As per item no. 32 of Revised Schedule of Power, the items enclosed with this order are added, in BSR 2013-14 as Part-B Mechanical works Chapter 1 to 3 (Page 1 to 31) after the Chapter 17 for Civil works which is now become Part-A. These items are hereby ordered to be in force with effect from 1 Oct. 2017.

These Basic Schedule of Rates will remain applicable to Indira Gandhi Nahar Project Stage II as well as Kanwarsain Lift System of Stage I.

(Amarjeet Singh Maherda)
Chief Engineer
Indira Gandhi Nahar Project
Bikaner

OFFICE OF THE CHIEF ENGINEER, IGNP, BIKANER

No. F-15-A-I(BSR)/P&M/456-65

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Copy along with enclosure forwarded/submitted to the following for information & necessary action please:

1. Addl. Chief Engineer, IGNP, Jaisalmer.
2. Addl. Chief Engineer (Bikaner), (Mech.), Vigilance, Quality Control & Regulation, IGNP, Bikaner.
3. Superintending Engineer, IInd Stage Circle no.1/ Sahwa Lift Circle/ Regulation Circle/ MM & L.M. Circle/ Phalodi Const. & Maintenance Circle/ Mech. Circle, IGNP, Bikaner/Phalodi.

Encl : As above

(Amarjeet Singh Maherda)
Chief Engineer
Indira Gandhi Nahar Project
Bikaner

PART B for mechanical works

Chapter-1 (Motor, Pumps, Transformer, Panels, Crane, Battery Charger Etc)

S.No	Name of work	Unit	RATE
1	Servicing and overhauling pump		
(i)	Removing motor from stool with disconnecting of electric connections, removing of complete pump assembly stepwise and Dismantling of pump. Gas cutter, gas, welding machine and operator with helper, Cleaning all components of pump by chip hammer sand paper etc, Unloading work of impeller and shaft at workshop point by hydra with staff and POL, Checking of alignment of shaft and remove their bends at workshop, Balancing work of impeller, Replacement of shaft sleeve, rubber bush, gland bush etc, Assembling of pump parts and refitting of pump stepwise in position coupling of motor on stool, testing and trial of pump		
a	2.00/2.15/2.81/3.14/3.75 Cumec pump	Each job	56868
b	0.64 cumec Pump	Each job	24320
ii	Repairing of discharge bowl with insertion of new cast iron bush with rubber bearing locking arrangement proper at the same. (2.00/2.15 cumec pump)	Each job	47200
iii	Repairing of discharge bowl with insertion of new cast iron bush with rubber bearing locking arrangement proper at the same (2.81/3.14 cumec pump)	Each job	59000
iv	Repairing of suction bowl with insertion of new cast iron bush as per existing size of rubber bush with locking arrangement proper at the same (2.00/2.15/2.81/3.14 cumec pump)	Each job	47200
v	Repair of shaft set (set of three nos.)		
	Groove making at bearing points of shafts for making equal depth for welding.		
	Welding at bearing points of shafts.		
	Machining and grinding at bearing points of shafts to bring its original diameter.		
	Bend removal of shafts to bring it perfect straightness		
	Repair of key seat at top, line & pump shaft according to keys.		
	Repair of threads at one end of top shaft.		
a	20 cusec pump	Each	16951
b	40 cusec pump	Each	25895
c	60 cusec pump	Each	17709
d	75 cusec pump	Each	27748
e	100 cusec pump	Each	37781
f	110 cusec pump	Each	25647
vi	Repair & centring bowl assembly of pump		
	Dismantling of bowl assembly.		
	Loading of suction bowl on lathe/boring machine by chain pully block/crane.		
	Boring of rubber bearing housing of suction bowl for its correct centre line.		

S.No	Name of work	Unit	RATE
	Casting at C. I. sleeves for section bowl, discharge bowl & extension piece.		
	Machining at outer dia of C. I. sleeves according to modified rubber bearing housing of suction bowl.		
	Unloading of section bowl from lathe/boring machine		
	Fixing of C. I. sleeves in rubber bearing housing of suction bowl by press M/C.		
	Again loading of suction bowl on lathe/boring M/C.		
	Boring of C. I. sleeves according to rubber bearing of suction bowl.		
	Unloading of suction bowl from lathe/boring M/C.		
	Loading of discharge bowl/s on lathe/boring M/C by chain pully block/crane.		
	Boring of rubber bearing housings of discharge bowl/s at both end for its correct centre line.		
	Machining at outer dia of C. I. sleeves according to modified rubber bearing housings of discharge bowl/s.		
	Unloading of discharge bowl/s from lathe/boring M/C.		
	Fixing of C. I. sleeves in rubber bearing housings of discharge bowl by press M/C.		
	Again loading of discharge bowl/s on lathe/boring M/C.		
	Boring of C. I. sleeves according to rubber bearings of discharge bowl.		
	Unloading of discharge bowl/s from lathe/boring M/C.		
	Loading of extension piece on lathe/boring M/C by chain pully block/crane.		
	Boring of damaged rubber bearing housing of extension piece for its correct centre line.		
	Machining of outer dia at C.I. sleeves according to modified rubber bearing housing of extension piece.		
	Unloading of extension piece from lathe/boring M/C		
	Fixing of C.I. sleeves in rubber bearing housing of extension piece by press M/C.		
	Again loading of extension piece on lathe/boring M/C.		
	Boring of C.I. sleeves according to rubber bearings of extension piece.		
	Unloading of extension piece from lathe/boring M/C.		
	Assembling of bowl assembly & check its centre line after its complete repair.		
	Painting on the body of bowl assembly with black enamel paint.		
	Transportation charge to & fro both side.		
a	20 cusec pump	Each	90663
b	40 cusec pump	Each	115640
c	60 cusec pump	Each	142078
d	75 cusec pump	Each	198830
e	100 cusec pump	Each	154138

