

## Procurement Plan with methods & Time Schedule for Goods and equipments JSRRDA, Jharkhand, Ranchi

Sl. no.	Reference Package No.	Contract (Description)	Nos./ Quantity	Unit Rate with CST	Estimated Cost (Rs. In lakh)	Procurement Method	Review by Bank (Prior/ Post)*	Comments
<b>Survey Related Equipments with 12.5% CST (Lot -1)</b>								
1	JH-WB-Survey-2013	Total Station (TS) Accuracy 5" with 02 Aluminium Telescopic rods with 03 heavy duty wooden tripods, along with ranging rods, Traversing set with traverse or precise back sight kit, all complete set.	3	506250	1518750	NCB	Prior	Expected to be awarded by 15.09.14
2		Auto level (AL) complete set with	15	28125	421875			
<b>Total</b>			<b>18</b>		<b>1940625</b>			
<b>Laboratory Equipments with 12.5% CST (Lot -2)</b>								
1	JH-WB-Lab-2013	Pavement Dynamic Cone Penetrometer complete set with top and bottom rod, handle, hammer, 1 m scale, 60 degree Cone, anvil etc.	15	24750	371250	NCB	Prior	Expected to be awarded by 15.09.14
2		NABL calibration certified standard IS sieves of 45 cm dia with 10 specified sieves as per IS 460 (1985) with pan/cover, motorized sieve shaker with build – in digital timer etc. all complete set.	15	54000	810000			
3		NABL calibration certified ISS Brass sieve 20 cm dia as per IS 460 (1985) with 06 sieves along with pan/cover and motorized sieve shaker with build in digital timer.	15	39375	590625			

4	JH-WB-Lab-2013	NABL accredited Electronic Balance, Capacity 5 kg X 0.5gm, Pan Size : 230x190mm	15	23057	345853	NCB	Prior	Expected to be awarded by 15.09.14
5		NABL accredited laboratory Electric Oven, with Digital indicator range 50 <sup>0</sup> 250 <sup>0</sup> C +/-1 <sup>0</sup> C with Air circulating fan and digital temperature controller (24"x24"x24")	15	28125	421875			
6		Sand Pouring Cylinder Apparatus with conical funnel and tap as per IS 2720 (part 28) 1980 complete set	15	5844	87666			
7		Compaction Test Apparatus for light compaction as per IS 2720 (part 7) IS 2720 (part -8) and IS 9198 supplied complete with compaction Mould, 100mm complete with collar & Base Plate, made of Gun metal and rammer 2.6 kg x 310 mm fall as per IS 9198.	15	6750	101250			
8		Compaction Test Apparatus for heavy compaction as per IS 10074 supplied complete with compaction Mould, 150mm ID, 127.3 mm height 2250 ml volume and 4.9 kg x 450 mm fall as per IS 9198 weight of mould should not be less than 13 kg.	15	6750	101250			
9		Laboratory California Bearing Ratio Test Apparatus, electronic with three speeds and complete set along with load frame Motorized 50 KN capacity, 3 speed 1.5, 1.25 & 2.5 mm/min, rammer, proving ring along with 10 Gun Metal mould 150mm x 175mm high, perforated base plate and extension collar 150mm ID x 50 mm high etc.	15	163125	2446875			
10		Aggregate Impact value tester complete set with cylinder, temping rod, blow counter etc.	15	13500	202500			
11		NABL calibration certified Analog compression testing machine 1000KN capacity.	15	61875	928125			

12	JH-WB-Lab-2013	ISI certified Cast iron moulds of 150mm x 150mm x 150mm with IS certification mark 12 nos. (set)	15	29700	445500	NCB	Prior	Expected to be awarded by 15.09.14
		<b>Total</b>	<b>180</b>		<b>6852769</b>			
<b>Condition Survey Equipment with 12.5% CST (Lot -3)</b>								
1	JH-WB-Cond. Survey-2013	Modified Roughness indicating Machine. (MERLIN) complete	10	28738	287381	NCB	Prior	Expected to be awarded by 15.09.14
2		NCCBM certified Concrete test hammer BIS 1311-1992 (part 2)	10	32031	320310			
		<b>Total</b>	<b>20</b>		<b>607691</b>			
<b>Specialised Equipment with 12.5% CST (Lot -4)</b>								
1	JH-WB-Spl.Eqp.-2013	Bump integrator (CRRRI design) supplied with Transportation wheel and CRRRI calibration certificate.	2	637988	1275975	NCB	Prior	Expected to be awarded by 15.09.14
		<b>Total</b>	<b>2</b>		<b>1275975</b>			
		<b>Grand Total</b>	<b>220</b>		<b>10677060</b>			

Chief Engineer  
JSRRDA, Ranchi