

**Name of the Work: Operation & Maintenance work of 02 no's WDM2A (2600HP), 02 no's of WDG3A (3100 HP), 03 no's WDG4D (4500HP) model Diesel loco of former M/s DLW, Varanasi make and maintenance of 147 BOBR / BOBRN MGR Coal hopper Wagon & Ash Rake Operation at OPGC / ITPS MGR Workshop & at MGR Railway Yard of OPGC I & II for the period of 02 (Two) Years.**

**BOQ FOR OPGC - I**

<b>A LOCO operator for operation of LOCO , Rake checking and hopper coal unloading for OPGC I</b>								
SI No	Description of Work	Unit	Qty. 1st year	Unit Rate for 1st year (Rs)	Total ( Rs) for 1st year	Qty. 2nd year	Unit Rate for 2nd year (Rs)	Total ( Rs) for 2nd year
1	Providing experienced manpower for LOCO operation of One WDM2A model LOCO for 8 hrs per shift in OPGC MGR track	Manday	1440			1440		
2	Providing experienced manpower for LOCO helper / assistance for operation of LOCO for 8 hrs per shift in OPGC track	Manday	2160			2160		
3	Providing experienced manpower for unloading of coal from BOBR wagon by Pneumatic method	Manday	1080			1080		
4	Providing experienced manpower for rake checking at Track hopper -I	Manday	2160			2160		
5	Providing experienced manpower for rake checking at Chharla siding	Manday	2160			2160		
<b>B Maintenance of LOCO for following five section of WDM2A LOCO of OPGC I</b>								
SI No	Description of Work	Unit	Qty. 1st year	Unit Rate for 1st year (Rs)	Total ( Rs) for 1st year	Qty. 2nd year	Unit Rate for 2nd year (Rs)	Total ( Rs) for 2nd year
1	Electrical Maintenance of one WDM2A LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	24			24		
2	Power pack Maintenance of one WDM2A LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	24			24		
3	Air compressor Maintenance of one WDM2A LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	24			24		
4	Air brake Maintenance of one WDM2A LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	24			24		
5	LOCO Under gear Maintenance of one WDM2A LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	24			24		
6	Maintenance of one WDM2A LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement for balance section of work of LOCO other than Air compressor ,Elect,Under gear,power pack and air brake .	Per Loco/per month	24			24		
7	Maintenance of BOBR coal hopper wagon	No	384			384		
8	Painting 02 (two) coat on wagon surface over a coat of primer including thorough cleaning, rubbing out loose scales etc and preparation of the surface area of application, including all cost & labour charges etc. complete as per direction of Engineer-in-charge (paint shall be supplied by OPGC	Cum	4032			4032		
9	Repair and overhauling of Distributor Valve of wagon of Stone india and Escort make i.e ,Replacement of Distributor Valve (D.V.) components of BOBR wagon and testing for brake power ( test stand and spares/consumables shall be supplied by OPGC).	No	10			10		
<b>TOTAL VALUE FOR OPGC - I (EXCLUDING GST)</b>								
<b>TOTAL VALUE FOR 02 YEARS FOR OPGC I (EXCLUDING GST)</b>								

## BOQ FOR OPGC II

A LOCO operator for operation of LOCO , Rake checking and hopper coal unloading for OPGC II								
SI No	Description of Work	Unit	Qty. 1st year	Unit Rate for 1st year (Rs)	Total ( Rs) for 1st year	Qty. 2nd year	Unit Rate for 2nd year (Rs)	Total ( Rs) for 2nd year
1	Providing Retired Railway/experienced manpower for LOCO operation of One WDG3A model LOCO for 8 hrs per shift in OPGC MGR track	Manday	2160			2160		
2	Providing experienced manpower for LOCO helper / assistance for operation of LOCO for 8 hrs per shift in OPGC track	Manday	5400			5400		
3	Providing exeperienced manpower for rake checking at hopper II for 8 hrs per shift in OPGC unloading area	Manday	3240			3240		
4	Providing exeperienced manpower for unloading of coal from BOBR wagon by Pneumatic method	Manday	4320			4320		
5	Providing exeperienced manpower for rake checking at Manoharpur siding of coal rake per shift in OPGC siding	Manday	2160			2160		
6	Supervision of O & M work and record keeping of rake movement detail with timely placeemnt and all record of all LOCO for 24 hrs including HSD filling , Oil register , monthly record of HSD consumption	Manday	1080			1080		
B Maintenance of 4 LOCO & 115 Wagon & 3 BV for OPGC II								
SI No	Description of Work	Unit	Qty. 1st year	Unit Rate for 1st year (Rs)	Total ( Rs) for 1st year	Qty. 2nd year	Unit Rate for 2nd year (Rs)	Total ( Rs) for 2nd year
1	Electrical Maintenance of one WDG3A LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	24			24		
2	Power pack Maintenance of one WDG3A LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	24			24		
3	Air compressor Maintenance of one WDG3A LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	24			24		
4	Air brake Maintenance of one WDG3A LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	24			24		
5	LOCO Under gear Maintenance of one WDG3A LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	24			24		
6	Maintenance of one WDG3A LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement for balance section of work of LOCO other than Air compressor ,Elect,Under gear,power pack and air brake .	Per Loco/per month	24			24		
7	Electrical Maintenance of one WDG4D LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	36			36		
8	Power pack Maintenance of one WDG4D LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	36			36		
9	Air compressor Maintenance of one WDG4D LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	36			36		
10	Air brake Maintenance of one WDG4D LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	36			36		
11	LOCO Under gear Maintenance of one WDG4D LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement.	Per Loco/per month	36			36		
12	Maintenance of one WDG4D LOCO up to quarterly schedule by engaging Railway experts or as per RDSO standard / OPGC requirement for balance section of work of LOCO other than Air compressor ,Elect,Under gear,power pack and air brake .	Per Loco/per month	36			36		
13	Maintenance of one BOBR coal hopper wagon including brake van wagon.	No	1416			1416		

14	Painting 02 (two) coat on wagon surface over a coat of primer including thorough cleaning, rubbing out loose scales etc and preparation of the surface area of application, including all cost & labour charges etc. complete as per direction of Engineer-in-charge ( paint shall be supplied by OPGC)	cum	4080			4080		
15	Repair and overhauling of Distrubutor Valve of wagon of Stone india and Escort make i.e ,Replacement of Distributor Valve (D.V.) components of BOBR wagon and testing for brake power ( test stand and spares/consumables shall be supplied by OPGC).	No	20			20		
16	Re RAILMENT of Wagon/Loco at any location of OPGC Track	No	12			12		
17	USFD Testing of Axle and 2 Disc ( one set of Wheel)	Set	600			600		
<b>C Ash Rake Operation &amp; Laision with Railway for RR Submission ,Co -ordinate with ASH SILO Supervisor</b>								
<b>Sl No</b>	<b>Description of Work</b>	<b>Unit</b>	<b>Qty. 1st year</b>	<b>Unit Rate for 1st year (Rs)</b>	<b>Total ( Rs) for 1st year</b>	<b>Qty. 2nd year</b>	<b>Unit Rate for 2nd year (Rs)</b>	<b>Total ( Rs) for 2nd year</b>
1	Ash Rake Operation & Laision with Railway for RR Submission ,Co -ordinate with ASH SILO Supervisor	No	365			365		
<b>TOTAL VALUE FOR OPGC - II (EXCLUDING GST)</b>								
<b>TOTAL VALUE FOR 02 YEARS FOR OPGC II (EXCLUDING GST)</b>								
<b>GRAND TOTAL FOR 02 YEARS (OPGC I + OPGC II), EXCLUDING GST</b>								
GST SHALL BE EXTRA AT ACTUALS								