

ANNEXURE FOR DRY-DOCKING/ ANNUAL REPAIR & MAINTENANCE OF S.L.LOHIT FOR 2010-11						
LENGTH-24.55 Mts. WIDTH-5.5 Mts. DEPTH-1.7/2.6 Mts. DRAFT- 0.95 Mts. GRT-75 TONNES						
SL NO	DESCRIPTION OF WORK	UNIT	QTY	RATE	AMOUNT	REMARKS
1	Beaching,blocking,unblocking including of dock /mooring charges as required to be done for repair of vessels.	Comp.	Comp.	L.S		
2	Checking the thickness of hull plate by ultrasounding test as required as to be done as per direction of IWT Surveyor/EIC.	No	50			
3	Renewal of hull, deck ,side shell etc.M.S plate/pipe of existing thickness as required to be done as per direction of IWT Surveyor/EIC.	Kg	500			
4	Opening and fitting of both side rudder assembly after straightening,fairing , repairing/renewal of bearing etc. as required to be done as per direction of IWT Surveyor/EIC .	No	2			
5	Opening and fitting of both side gun metal propeller(dia-700 mm,material-Manganeze Bronze) after remetling, fairing , balancing and bedding as required to be done as per direction of IWT Surveyor/EIC .	No	2			
6	Opening and fitting of both side propeller shaft(dia-65 mm,material-SS 316) and bushes after remetling,straightening,maching,bedding with the bushes alongwith renewal of rubber bushes etc. as required to be done as per direction of IWT Surveyor/EIC.	No	2			
7	Mud box, M.E, G.E, Emergency pump and Bidge pump valves to be checked and repaied as reqd. as per direction of IWT surveyor/ EIC.					
a	Labour charges	NO	12			
b	Cost of spare-parts on actual plus 10% basis.	AS reqd.	As Reqd.			
8	Sea watwe pump of both side M.E to be repaired with renewal of spare-parts as reqd. as per direction of EIC.	NO	2			
9	To refill/testing of F.F.A as per statutory requirements.(Mech.Foam-9 lit.-5nos., Water co2-9lit.-2 nos., DCP-5kg.-4 nos.)			L.S		
10	Chipping, Scraping,Wire brushing,Cleaning and surface preparation to be done for painting of vessel from keel to water level as per direction of EIC.	Sq.m	166			
11	Painting of keel to water level by one coat of anti corrosive metal primer and two coat of anti-corrosive marine paint to be done as per direction of E.I.C.	Sq.m	166			

12	Chipping, Scraping,Wire brushing,Cleaning and surface preparation to be done for painting of vessel from water level to main deck as per direction of EIC.	Sq.m	89			
13	Painting of vessel from water level to main deck with one coat of anti corrosive metal primer and two coat of Ox-Blue marine paint to be done as per direction of EIC.	Sq.m	89			
<b>Total</b>				RS		

## Annexure-II

ANNEXURE FOR DRY-DOCKING/ ANNUAL REPAIR & MAINTENANCE OF S.L.DIHANG FOR 2010-11						
LENGTH-24.55 Mts. WIDTH-5.5 Mts. DEPTH-1.7/2.6 Mts. DRAFT- 0.95 Mts. GRT-75 TONNES						
SL NO	DESCRIPTION OF WORK	UNIT	QTY	RATE	AMOUNT	REMARKS
1	Beaching,blocking,unblocking including of dock /mooring charges as required to be done for repair of vessels.	Comp.	Comp.	L.S		
2	Checking the thickness of hull plate by ultrasounding test as required as to be done as per direction of IWT Surveyor/EIC.	No	50			
3	Renewal of hull, deck ,side shell, galley, toilet, etc.M.S plate/pipe of existing thickness as required to be done as per direction of IWT Surveyor/EIC.	Kg	200			
4	Opening and fitting of both side rudder assembly after straightening,fairing , repairing/renewal of bearing etc. as required to be done as per direction of IWT Surveyor/EIC .	No	2			
5	Opening and fitting of both side gun metal propeller(appx.dia-700 mm,material-Manganeze Bronze) after remetling, fairing , balancing and bedding as required to be done as per direction of IWT Surveyor/EIC .	No	2			
6	Opening and fitting of both side propeller shaft(dia-65 mm,material-SS 316) and bushes after remetling,straightening,machining,bedding with the bushes alongwith renewal of rubber bushes etc. as required to be done as per direction of IWT Surveyor/EIC.	No	2			
7	Sea chest, mud box and M.E. valves to be checked and repaied as reqd. as per direction of IWT surveyor/ EIC.					
a	Labour charges	NO	6			
b	Cost of spare on actual plus 10% basis as reqd.	As reqd.	As reqd.			
8	Wheel house roof (FRP) of size 5.7 x 4.27 m is leaking at few places. Same to be checked and repaired as required as per direction of EIC.	As reqd.	As reqd.	LS		
9	Renewal, re-alignment of the sewage disposal line for both officers toilet and the crew toilet including replacement of pump & machineries etc. as required to ensure smooth flow of sewage from the septic tank to the outlet valve including removal of W.C, necessary flooring with cement concrete base and approved quality ceramic tile.	Compt.	Compt.	LS		
10	Must light to be checked and repair with renewal of necessary wire and bulb as required as per direction of EIC.	Compt.	Compt.	LS		

11	Procurement and supply of Fire bucket as per direction of EIC/IWT surveyor.	No	6 NO.			
12	Procurement and supply of MMD approved Life buoy as per direction of EIC/IWT surveyor.	No	5 NO.			
13	Pressure testing and refilling of following FFA as per statutory requirements as per direction of IWT surveyor/EIC.1. CO2-3 nos. -9 kg, DCP-1 no.-5 kg, Mech. Foam-2 nos.-5 kg, Mech. Foam-5 nos. 9 kg.	Compt.	Compt.	L.S		
14	Valves (2 nos.) of both side HSD tanks are not working proper. Same to be checked and repaired/ renewed as required as per direction of Surveyor/ EIC.					
a	Labour charges	NO	2			
b	Spare-parts on actual plus 10% basis	As reqd.	As reqd.			
15	Repairing of damaged sounding pipe cover of port side as per direction of EIC.	As reqd.	As reqd.	LS		
16	Necessary cleaning of both side HSD tank (Capacity3 KL each) to be done as per direction of EIC.	NO.	2			
17	Sea water supply GI pipe is Jamed from tank of wheel house roof to Kitchen, Toilets etc. Same to be renewed as reqd. (1" dia. And appx. L-30 m)	M	30			
18	Wooden pannel in wheel house(8'8" x 3'1") is inclined. Same to be made horizontal after fitting of appx.1" wooden beat in lower side as per direction of EIC.	As reqd.	As reqd.	LS		
19	Chipping, Scraping,Wire brushing,Cleaning and surface preparation to be done for painting of vessel from keel to water level as per direction of EIC.	Sq.m	166			
20	Painting of keel to water level by one coat of anti corrosive metal primer and two coat of anti-corrosive marine paint to be done as per direction of E.I.C.	Sq.m	166			
21	Chipping, Scraping,Wire brushing,Cleaning and surface preparation to be done for painting of vessel from water level to main deck as per direction of EIC.	Sq.m	89			
22	Painting of vessel from water level to main deck with one coat of anti corrosive metal primer and two coat of Ox-Blue marine paint to be done as per direction of EIC.	Sq.m	89			
	<b>Total</b>			RS		

## Annexure-III

<b>ANNEXURE FOR DRY-DOCKING/ ANNUAL REPAIR &amp; MAINTENANCE OF S.L.BARAK FOR 2010-11</b>						
<i>LENGTH-24.55 Mts. WIDTH-5.5 Mts. DEPTH-1.7/2.6 Mts. DRAFT- 0.95 Mts. GRT-75 TONNES</i>						
<b>SL NO</b>	<b>DESCRIPTION OF WORK</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>	<b>REMARKS</b>
1	Beaching,blocking,unblocking including of dock /mooring charges as required to be done for repair of vessels.	Comp.	Comp.	L.S		
2	Checking the thickness of hull plate by ultrasounding test as required as to be done as per direction of IWT Surveyor/EIC.	No	50			
3	Renewal of hull, deck ,side shell etc.M.S plate/pipe of existing thickness as required to be done as per direction of IWT Surveyor/EIC.	Kg	500			
4	Opening and fitting of both side rudder assembly after straightening,fairing , repairing/renewal of bearing etc. as required to be done as per direction of IWT Surveyor/EIC .	No	2			
5	Opening and fitting of both side gun metal propeller(dia-700 mm,material-Manganeze Bronze) after remetling, fairing , balancing and bedding as required to be done as per direction of IWT Surveyor/EIC .	No	2			
6	Opening and fitting of both side propeller shaft(dia-65 mm,material-SS 316) and bushes after remetling,straightening,maching,bedding with the bushes alongwith renewal of rubber bushes etc. as required to be done as per direction of IWT Surveyor/EIC.	No	2			
7	Mud box, M.E, G.E, Emergency pump and Bidge pump valves to be checked and repaied as reqd. as per direction of IWT surveyor/ EIC.					
a	Labour charges	NO	12			
b	Cost of spare-parts on actual plus 10% basis.	AS reqd.	As Reqd.			
8	Sea watwe pump of both side M.E to be repaired with renewal of spare-parts as reqd. as per direction of EIC.	NO	2			
9	Supply and fitting of toughness glass of port side window of size 31" x 21.5" as per direction of EIC.(Labour plus material)	NO	1	LS		
10	Repairing of mike with renewal of spare-parts as reqd. (Labour plus material)	NO	1	LS		
11	Wiper to be fitted in front of wheel house glass as per direction of EIC.(Labour plus material)	NO	1	LS		
12	A vice of appropriate size to be supplied & fitting in engine room or appropriate place as per direction of driver/ EIC.	NO	1	LS		

13	Hydraulic steering to be repaired with renewal of spare-parts as reqd.					
a	Labour charges	NO	1	LS		
b	Cost of spare on actual plus 10% basis,	As reqd,	As reqd.	LS		
14	To refill/testing of F.F.A as per statutory requirements.(Mech.Foam-9 lit.-5nos., Water co2-9lit.-2 nos., DCP-5kg.-4 nos.)			L.S		
15	Chipping, Scraping,Wire brushing,Cleaning and surface preparation to be done for painting of vessel from keel to water level as per direction of EIC.	Sq.m	166	48.00		
16	Painting of keel to water level by one coat of anti corrosive metal primer and two coat of anti-corrosive marine paint to be done as per direction of E.I.C.	Sq.m	166			
17	Chipping, Scraping,Wire brushing,Cleaning and surface preparation to be done for painting of vessel from water level to main deck as per direction of EIC.	Sq.m	89			
18	Painting of vessel from water level to main deck with one coat of anti corrosive metal primer and two coat of Ox-Blue marine paint to be done as per direction of EIC.	Sq.m	89			
	<b>Total</b>			RS		

**ANNEXURE FOR DRY DOCKING /REPAIR/MAINTENANCE OF H.S.D. DHANSIRI DURING THE YEAR  
2010-11**

**LENGTH-27.50 Mts. WIDTH-10.00 Mts. DEPTH-2.80 Mts. DRAFT- 1.20 Mts. GRT-185 TONNES**

SL NO	DESCRIPTION OF WORK	UNIT	QTY	RATE	AMOUNT	REMARKS
1	Beaching,blocking,unblocking including of dock /mooring charges as required for repair of vessels.	Comp.	Comp.	L.S		
2	Checking the thickness of hull plate by ultrasounding test as per direction of IWT Surveyor/EIC as required.	No	100			
3	Renewal of hull deck,side shell etc.M.S plate/pipe to be done of existing thickness as per direction of IWT Surveyor/EIC as required.	Kg	500			
4	Hydraulic testing of both side air cylinder(capacity-500 lt. each) to be done after renewal/repair of accessories to the satisfaction of IWT surveyor/EIC.	No	2			
a	Labour Charges					
b	Cost of spare parts on actual plus 10% basis			L.S		
5	All 3 nos. HRP engines of model nos. NT 495-M ", 165 BHP each of cummins" make to be top overhauling including head testing, valve grinding, machining, renewal of piston rings etc,after renewal of spare-parts as reqd by authorised dealer of cummins India Ltd. and necessary work done certificate to be submitted after completion of work.					
a	Labour charges	NO	3			
b	The reqd. spare shall be supplied by IWA/ from the store stock.					
6	Chipping, Scraping,Wire brushing,Cleaning and surface preparation for painting of vessel from keel to water level to be done as per direction of EIC.	Sq.m	365			
7	Painting of keel to water level to be done by one coat of anti corrosive metal primer and two coat of anti-corrosive marine paint as per direction of E.I.C.	Sq.m	365			
8	chipping, Scraping,Wire brushing,Cleaning and surface preparation to be done for painting of vessel from water level to main deck as per direction of EIC.	Sq.m	148			
9	Painting from water level to main deck to be done by one coat of red oxide primer and two coat of oxford blue of marine paint as per direction of EIC.	Sq.m	148			
10	Refilling of F.F.A as per statutory requirements to be done as per direction of EIC.(Mech.foam-9lit.-5 nos., water co2-9 lit-3 nos., DCP-5kg-3 nos.)	Comp.	Comp.	L.S		
	<b>Sub total</b>			RS		