

प्रेषक,

पूनम कुमारी,
सरकार के संयुक्त सचिव

सेवा में,

महालेखाकार,
बिहार, पटना

पटना-15, दिनांक- /07/2025

विषय :- केन्द्र प्रायोजित स्कीम (60:40) राष्ट्रीय जलीय पारिस्थितिकी तंत्र संरक्षण अन्तर्गत गोकुल जलाशय, भोजपुर के समेकित प्रबंधन योजना के क्रियान्वयन हेतु वित्तीय वर्ष 2025-26 से 2028-29 तक कुल ₹3248.30 लाख (बत्तीस करोड़ अड़तालिस लाख तीस हजार रुपये) मात्र की प्रशासनिक स्वीकृति।

महाशय,

निदेशानुसार उपर्युक्त विषयक केन्द्र प्रायोजित स्कीम (60:40) राष्ट्रीय जलीय पारिस्थितिकी तंत्र संरक्षण अन्तर्गत गोकुल जलाशय, भोजपुर के समेकित प्रबंधन योजना के क्रियान्वयन हेतु वित्तीय वर्ष 2025-26 से 2028-29 तक कुल ₹3248.30 लाख (बत्तीस करोड़ अड़तालिस लाख तीस हजार रुपये) मात्र की प्रशासनिक स्वीकृति प्रदान की जाती है।

इस योजना का क्रियान्वयन मुख्य वन संरक्षक-सह-राज्य नोडल पदाधिकारी, पर्यावरण एवं जलवायु परिवर्तन, बिहार, पटना के पत्रांक-55 दिनांक-13.05.2025 द्वारा सम्प्रेषित सारांशित कार्य योजना/प्राक्कलन जो परिशिष्ट-1 के रूप में संलग्न है, के अनुरूप किया जायेगा।

2. स्वीकृत राशि की निकासी निम्न शीर्ष अन्तर्गत की जाएगी :-
केन्द्रांश:- मुख्य शीर्ष-2406-वानिकी तथा वन्य प्राणी, उप मुख्य शीर्ष-02-पर्यावरणीय वानिकी तथा वन्यजीव, लघु शीर्ष- 110-वन्य जीव परिरक्षण, उपशीर्ष-0227-राष्ट्रीय जलीय पारिस्थितिकी तंत्र संरक्षण योजना, मांग संख्या-19, विपत्र कोड-19-2406021100227 के विषय शीर्ष-0227.27.01 -लघु कार्य

राज्यांश:- मुख्य शीर्ष-2406-वानिकी तथा वन्य प्राणी, उप मुख्य शीर्ष-02-पर्यावरणीय वानिकी तथा वन्यजीव, लघु शीर्ष- 110-वन्य जीव परिरक्षण, उपशीर्ष-0327-राष्ट्रीय जलीय पारिस्थितिकी तंत्र संरक्षण योजना, मांग संख्या-19, विपत्र कोड-19-2406021100327 के विषय शीर्ष-0327.27.01 -लघु कार्य

3. राज्य आर्द्रभूमि प्राधिकरण स्वीकृत योजना का नोडल एजेंसी होगा। योजना का कार्यकारी एजेंसी भोजपुर वन प्रमंडल, आरा होगा। राशि के निकासी एवं व्ययन पदाधिकारी, वन प्रमंडल पदाधिकारी, भोजपुर वन प्रमंडल, आरा होंगे तथा राशि की निकासी उनके संबंध कोषागार से की जायेगी।

4. इस योजना के क्रियान्वयन के समय मुख्य वन संरक्षक-सह-राज्य नोडल पदाधिकारी, पर्यावरण एवं जलवायु परिवर्तन, बिहार, पटना द्वारा यह सुनिश्चित किया जायेगा कि मजदूरी का भुगतान श्रम संसाधन विभाग, बिहार द्वारा निर्धारित न्यूनतम मजदूरी दर पर ही हो।

5. इस राशि का आवंटन, निकासी एवं व्यय बिहार कोषागार संहिता तथा बिहार वित्त नियमावली में उल्लिखित सुसंगत प्रावधानों एवं वित्त विभाग द्वारा समय-समय पर निर्गत परिपत्रों तथा अद्यतन अनुदेशों के आलोक में की जायेगी।

6. राशि के अग्रिम निकासी पर वित्त विभागीय पत्रांक-2221 दिनांक-15.04.2020 द्वारा शिथिलीकरण प्राप्त है, अतएव राशि के आवंटन के समय वित्त विभागीय परिपत्र संख्या-2561 दिनांक-17.04.1998 की कंडिका-15 को छोड़कर शेष कंडिकाओं का अनुपालन सुनिश्चित किया जाएगा।

7. योजना की स्वीकृति को दर की स्वीकृति नहीं माना जाए। इस योजना की स्वीकृति प्राक्कलित दर के आधार पर दी जा रही है। संबंधित निकासी एवं व्ययन पदाधिकारी द्वारा नियमानुसार विधिवत अनुमोदित दर के अनुरूप ही राशि का व्यय किया जायेगा।
 8. सामग्री/सेवाओं की अधिप्राप्ति बिहार वित्त (संशोधन) नियमावली, 2024 में उल्लिखित सुसंगत प्रावधानों एवं वित्त विभाग द्वारा समय-समय पर निर्गत परिपत्रों तथा अद्यतन अनुदेशों के आलोक में की जायेगी।
 9. इस राशि की निकासी हेतु महालेखाकार से प्राधिकार पत्र की आवश्यकता नहीं है।
 10. योजना क्रियान्वयन का नियमित पर्यवेक्षण प्रधान मुख्य वन संरक्षक, बिहार, पटना द्वारा किया जायेगा।
 11. इस योजना अन्तर्गत क्रियान्वित योजना का दो अलग-अलग रंगीन छाया चित्र तथा स्थल जाँच प्रमाण-पत्र मुख्य वन संरक्षक-सह-राज्य नोडल पदाधिकारी, पर्यावरण एवं जलवायु परिवर्तन, बिहार के कार्यालय में संधारित किया जायेगा। भौतिक एवं वित्तीय प्रगति प्रतिवेदन ससमय विभाग को उपलब्ध कराया जायेगा।
 12. योजना के क्रियान्वयन में यदि किसी प्रकार की अनियमितता होती है, तो योजना को क्रियान्वित/निरीक्षण/पर्यवेक्षण एवं अनुश्रवण करने वाले पदाधिकारियों की जवाबदेही होगी।
 13. जनसाधारण को अवगत कराये जाने एवं पारदर्शिता के निमित्त विवरणी सूचना पट्ट में प्रदर्शित किया जायेगा।
 14. दिनांक-16.06.2025 को सम्पन्न लोक वित्त समिति की बैठक की कार्यवाही ज्ञापांक-772 दिनांक-16.06.2025 द्वारा प्रस्ताव अनुशंसित है। दिनांक-01.07.2025 को सम्पन्न मंत्रिपरिषद् की बैठक द्वारा मद संख्या-18 के रूप में प्रस्ताव स्वीकृत है।
 15. संचिका संख्या-76/2024 के पृष्ठ-29/टि० पर दिनांक-04.07.2025 को प्रारूप में आंतरिक वित्तीय सलाहकार की सहमति प्राप्त है।
- अनुलग्नक - यथोक्त।**

विश्वासभाजन

ह०/-

(पूनम कुमारी)

सरकार के संयुक्त सचिव

ज्ञापांक-योजना बजट-76/2024

3475

/प०व०ज०प०, पटना-15, दिनांक-07/07/2025

प्रतिलिपि:- (सानुलग्नक) वित्त विभाग, बिहार, पटना/योजना एवं विकास विभाग, बिहार, पटना/मंत्री, पर्यावरण, वन एवं जलवायु परिवर्तन विभाग, बिहार, पटना के आप्त सचिव/अपर मुख्य सचिव के प्रधान आप्त सचिव, पर्यावरण, वन एवं जलवायु परिवर्तन विभाग, बिहार, पटना/पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय (आर्द्रभूमि संभाग), भारत सरकार, इन्दिरा पर्यावरण भवन, जोरबाग, नई दिल्ली-110003/प्रधान मुख्य वन संरक्षक (HoFF), बिहार, पटना/मुख्य वन संरक्षक-सह-राज्य नोडल पदाधिकारी, पर्यावरण एवं जलवायु परिवर्तन, बिहार, पटना/क्षेत्रीय मुख्य वन संरक्षक, पटना/संबंधित कोषागार पदाधिकारी/संबंधित निकासी एवं व्ययन पदाधिकारी/आंतरिक वित्तीय सलाहकार/बजट शाखा (दो प्रतियों में)/आई०टी० (मैनेजर), पर्यावरण, वन एवं जलवायु परिवर्तन विभाग, बिहार, पटना को सूचनार्थ एवं आवश्यक कार्यार्थ प्रेषित।



(पूनम कुमारी)

सरकार के संयुक्त सचिव

Detailed Project Report for implementation of Integrated Management Plan of Gokul Jalashay, Bihar under Centrally Sponsored Scheme - National Plan for Conservation of Aquatic Ecosystems : NPCA (2025-26 to 2028-29)

S No.	Component	Total Amount
1	INSTITUTION AND GOVERNANCE	878.3
2	LAND & WATER MANAGEMENT	823.0
3	SPECIES & HABITAT CONSERVATION	755.0
4	LIVELIHOOD	792.0
	Total	3248.3

Sl No	IMP Item Code	Institution & Governance	Qty/ No.	Unit Rate	Total Amount	Year 2025-26	Year 2026-27	Year 2027-28	Year 2028-29	Annexure
	1.1	Notification of Wetland Complex under Wetlands (Conservation and Management) Rules, 2017								
	1.1.1	Delineation of Wetland Complex								
1	1.1.1.1-5	Survey, Delineation, Ground truthing and production of Wetland Map	4000	0.00550	22	22.0	0	0	0	A1
2	1.1.1.6	Stakeholder Consultation	8	0.50000	4	4.0	0	0	0	A2
3	1.1.1.7	Map Finalisation and Publication	80	0.04700	4	3.8	0	0	0	A3
	1.1.2	Notifying Wetland Complex under Wetlands (Conservation and Management) Rules, 2017								
4	1.1.2.1	Preparation of brief document	1	2	2	2.0	0	0	0	A4
5	1.1.2.2	Submission of brief document to Bihar State Wetland Authority (BSWA)	1	1	1	1.0	0	0	0	A5
6	1.1.2.3	Preparation of draft notification	2	2	4	4.0	0	0	0	A6
7	1.1.2.4	Public consultation	7	0.50	3.5	3.5	0.00	0	0	A7
8	1.1.2.5	Final notification	2	3	6	3.0	3	0	0	A8
	1.1.3	Wetland Demarcation								
9	1.1.3.1	Survey of land rights	1	5	5	5.0	0	0	0	A9
10	1.1.3.2	Publication of draft land right maps	2	3	6	6.0	0	0	0	A10
11	1.1.3.3	Stakeholder consultation	8	0.50	4	4.0	0	0	0	A11
12	1.1.3.4	Land right conflict resolution as per established procedure	2	3	6	6.0	0	0	0	A12
13	1.1.3.5	Map finalization and publication	2	2	4	4.0	0	0	0	A13
14	1.1.3.6	Registration of wetland boundaries into revenue records	2	3	6	6.0	0	0	0	A14
15	1.1.3.7	Identification of geo-tagged pillar location points (Preferably at 250 meters interval)	240	0.0010	0.24	0.2	0	0	0	A15
16	1.1.3.8	Installation of geo-tagged pillars along the wetland boundary including estimation and procurement	240	0.30	72	48.0	24	0	0	A16
17	1.1.3.9	Maintenance of installed pillars	240	0.01	2.72	0.0	0.91	0.91	0.91	A17
	1.2	Establishment of proper institutions for Effective Management Regime								
	1.2.1	Workshop for constitution of Wetland Mitra Network								
18	1.2.1.1	Workshop for identification of possible wetland mitras	6	0.25	1.5	1.5	0	0	0	A18
19	1.2.1.2	Providing training to Wetland Mitras	12	0.5	6	3.0	1.5	1	0.5	A19
	1.3	Management Zoning/Regulatory Regimes								
	1.3.1	Establishment of Management Zones								
	1.4	Wetlands Inventory, Assessment and Monitoring System								
	1.4.1	Establishment of Wetland Monitoring and Research Centre								
23	1.4.1.1	Identification of potential site for construction of wetland monitoring and research centre	1	2	2	2.0	0	0	0	A23
24	1.4.1.2	Establishment of Research Centre	1	290.15	290.15	216.0	42.70	15.75	15.75	A24
25	1.4.1.3	Lab accreditation from National Accreditation Board for Testing and Calibration Laboratories (NABL) and other regulatory agencies	1	2	2	0.0	2	0	0	A25
26	1.4.1.4	Procurement of laboratory equipment and reagents	2	10	20	0.0	15	5	0	A26
27	1.4.1.6	Identification of suitable sites for installation of hydrometeorological stations	4	1	4	4.0	0	0	0	A27
28	1.4.1.7	Procurement of Instruments for hydrometeorological monitoring including sediment, water flow and depth measurement	10	1	10	0.0	10	0	0	A28
29	1.4.1.9	Maintenance of hydrometeorological equipments	3	2	6	0.0	2	2	2	A29
30	1.4.1.10	Identification of suitable sites for water quality sampling stations	6	0.30	1.80	1.8	0.0	0.0	0.0	A30
31	1.4.1.11	Procurement of instruments for water quality monitoring	1	20	20	0.0	20	0	0	A31
32	1.4.1.12	Installation of water quality monitoring equipments	1	2	2	0.0	2	0	0	A32
33	1.4.1.13	Maintenance of water quality monitoring equipments	1	2	2	0.0	0	2	0	A33
	1.4.2	Development of Database Management System								
35	1.4.2.2	Development of GIS based database management system	1	10	10	0.0	10	0	0	A35
	1.4.3	Wetland Monitoring and Evaluation								
36	1.4.3.1	Development of draft wetland monitoring and inventory tool	1	5	5	5.0	0	0	0	A36
	1.4.4	Surveillance System								
44	1.4.4.5	Procurement of drones for surveillance	1	9.33	9.33	0.0	9.33	0	0	A44
45	1.4.4.6	Installation of solar based light at appropriate locations	30	0.30	9	6.0	3	0	0	A45
	1.4.6	Tracking of Management Effectiveness								

50	1.4.6.1	Development of Management Effectiveness Tracking Tool (METT)	1	10	10	10.0	0	0	0	A50
	1.5	Research								
	1.5.2	Habitat Study for foraging birds								
51	1.5.2.1	Study of habitat and species composition	1	11.66	11.66	11.7	0	0	0	A55
	1.6	Capacity Development								
	1.6.2	Frontline staff Training								
56	1.6.2.1	Training of staff on sampling and instrumentation	1	10	10	4.0	2	2	2	A56
57	1.6.2.2	Systematic training on wildlife disease identification	1	10	10	4.0	2	2	2	A57
59	1.6.2.4	Training on Poaching prevention	1	15	15	6.0	3	3	3	A59
	1.6.3	Resource users Training								
60	1.6.3.1	Identify key wetland dependent resources groups using participatory	20	0.5	10	10.0	0	0	0	A60
61	1.6.3.2	Identify key training needs for identified groups such as agriculturalists, horticulturalists, fishers, fodder and forage users, dairy and cultural groups	40	0.25	10	10.0	0	0	0	A61
62	1.6.3.3	Convergence workshop with line departments and resource user groups	20	0.5	10	4.0	2	2	2	A62
	1.6.4	Line Departments and Local Groups Training								
63	1.6.4.1	Provide trainings to community groups, PRI members and line departments on participatory planning process	10	0.50	5	2.0	1.0	1.0	1.0	A63
64	1.6.4.2	Gender mainstream training and ensuring participation of women in leadership and decision making roles	10	0.50	5	2.0	1	1	1	A64
65	1.6.4.3	Integrate wetland management actions into development planning process during Gram Sabha	10	0.50	5	2.0	1	1	1	A65
66	1.6.4.4	Extant wetland management rules and regulations awareness programme	10	0.50	5	2.0	1	1	1	A66
67	1.6.4.5	Training of local communities and bodies such as Panchayati Raj Institutions and CBOs on ecosystem-based wetland management	10	0.50	5	2.0	1	1	1	A67
	1.6.5	Community Mobilisation and proactive stakeholder engagement								
68	1.6.5.1	Establishment of community advisory groups for liaisoning workshops and meetings	2	1	2	1.0	1	0	0	A68
69	1.6.5.2	Establishment of community-based wetland management Committees (WMC)	2	2	4	0.0	2	2	0	A69
70	1.6.5.3	Creation of wetland peoples Biodiversity Register-ToR, Stakeholders Consultations	1	5	5	5.0	0	0	0	A70
71	1.6.5.4	Distribution of portable water quality test kits	3	2	6	2.0	2	2	0	A71
72	1.6.5.5	Training on water quality test kits	12	0.50	6	3.0	1	1	1	A72
73	1.6.5.6	Participatory water quality monitoring	8	5	40	10.0	10	10	10	A73
	1.7	Communication and Outreach								
	1.7.1	Stakeholder engagement in Wetland Management through Communication and Awareness								
74	1.7.1.1	Installation of signage in key locations-in all entrance and exits points	20	0.25	5	4.0	1	0	0	A74
75	1.7.1.2	Creation of webpage	1	5	5	5.0	0	0	0	A75
76	1.7.1.3	Information boards showcasing significance of site	20	0.25	5	2.0	1.0	1.0	1.0	A76
77	1.7.1.4	Celebration on important public events	4	7.69	30.76	7.7	7.69	7.69	7.69	A77
78	1.7.1.5	Production of resources material	4	10	40	20.0	10	10	0	A78
79	1.7.1.6	Organising nukkad nataks to sensitize communities on wise use of wetlands	25	0.25	6	2.5	1.25	1.25	1.25	A79
		Total			819.67	493.6	196.37	75.59	54.09	
		Increase in wage rate and material cost for upcoming years			58.68	16.9	19.64	11.34	10.82	
		G. Total			878.35	510.5	216.01	86.93	64.91	

	Sl No	LAND & WATER MANAGEMENT	Qty/No.	Unit Rate	Total Amount	Year 2025-26	Year 2026-27	Year 2027-28	Year 2028-29	
	2.1	Maintaining the Environmental Flows								
	2.1.1	Improvement of inflow of inlets/channels using selective dredging								
80	2.1.1.1	Identification of sites for selective dredging	8	2.2125	17.70	17.7	0	0	0	A80
81	2.1.1.2	Selective dredging of Dharmavati river channel	1	104.00	104.00	50.0	54	0	0	A81
82	2.1.1.3	Identification of sites for selective dredging within the wetland complex	4	2.39	9.56	9.6	0	0	0	A82
83	2.1.1.4	Selective dredging of wetland complex to maintain water depth	1	202.52	202.52	100.0	60	42.52	0	A83
84	2.1.1.5	Selective dredging of drain connecting Gokul Jalashay and Sunki Suhiya	1	4.48	4.48	4.5	0	0	0	A84
	2.1.2	Regulation of flood pulses from river Ganga								
85	2.1.2.1	Identification of zone of vulnerability due to flood pulses	1	5.66	5.66	5.7	0	0	0	A85
86	2.1.2.2	Preparation of technical design with estimations for the restoring broken sections of the embankment	1	4.72	4.72	4.7	0	0	0	A86
87	2.1.2.3	Procurements of raw materials	1	40.81	40.81	40.8	0	0	0	A87
88	2.1.2.4	Repairing of approx. 250 m embankment breach at Isharpura*	1	150.80	150.80	80.0	70.80	0	0	A88
89	2.1.2.5	Design and estimation of culverts required in the broken section of embankment at Isharpura	1	2.36	2.36	2.4	0	0	0	A89
90	2.1.2.6	Construction of culvert to maintain the connectivity between river Ganga and the wetland complex	1	80.26	80.26	0.0	80.26	0.00	0	A90
	2.1.3	Restoration of hydrological connectivity								
91	2.1.3.1	Site survey for identification of potential sites for construction of culverts and sluice gates	1	2.36	2.36	2.4	0	0	0	A91
92	2.1.3.2	Preparation of technical design with estimations for construction of culverts and sluice gates	2	2.07	4.13	4.1	0	0	0	A92
93	2.1.3.3	Construction of 2 culverts at Nainijor	2	10.04	20.09	10.0	10.04	0	0	A93
94	2.1.3.4	Construction of 2 sluice gates	2	10.36	20.72	10.4	10.36	0	0	A94
95	2.1.3.5	Site survey for identification of dredging site at Nainijor to restore connectivity of Gokul Jalashay and Sunki Suhiya	1	2.95	2.95	3.0	0.0	0.0	0.0	A95
96	2.1.3.6	Selected dredging at Nainijor to restore connectivity between Gokul Jalashay and Sunki Suhiya	1	20.60	20.60	0.0	21	0	0	A96
	2.1.4	Removal of invasive macrophytes								
97	2.1.4.1	Site survey for the identification of region with high invasive macrophytes	1	2.53	2.53	2.5	0	0	0	A97
98	2.1.4.2	Periodical trapping and removing of invasive macrophytes	20	0.86	17.22	12.9	4.31	0	0	A98
99	2.1.4.3	Undertake awareness campaigns in wetland dependent villages	20	0.25	5	2.0	1	1	1	A99
100	2.1.4.4	Placing of signboards to generate awareness	5	0.25	1.25	1.3	0.00	0.00	0	A100
	2.1.5	Cleaning of sections with temporary structures such as checkdams and temporary roads								
101	2.1.5.1	Identification of temporary structures with high sedimentation	20	0.3	6.00	2.4	1.2	1.2	1.2	A101
102	2.1.5.2	Periodic removal of debris/sediment near temporary structures	3	4.48	13.43	4.5	4.48	4.48	0	A102
	2.2.1	Activities for pollution abatement								
103	2.2.1.1	Survey of storm drains with high pollution load	10	2.36	23.60	23.6	0	0	0	A103
104	2.2.1.2	Preparation of pollution abatement plans	1	4.72	4.72	4.7	0	0	0	A104
		Total			767.47	399.03	317.05	49.20	2.20	
		Increase in wage rate and material cost for upcoming years			55.50	15.98	31.70	7.38	0.44	
		G. Total			822.98	415.0	348.75	56.58	2.64	

	Sl No	SPECIES & HABITAT CONSERVATION	Qty/No.	Unit Rate	Total Amount	Year 2025-26	Year 2026-27	Year 2027-28	Year 2028-29	
	3.1	Asian Waterbird Census								
	3.1.1	Training on bird counting and census protocols								
105	3.1.1.3	Operationalize Seasonal Field bird ringing station at Gayghat	1	99.67	99.67	40.0	20	20	20	A105
	3.2	Peoples Biodiversity Registers								
	3.2.1	Training on developing Peoples Biodiversity Registers								
106	3.2.1.1	Creation of Peoples Biodiversity Register (PBR)	1	5	5	5.0	0	0	0	A106
107	3.2.1.2	Training on Peoples' Biodiversity Register for the experts	5	2	10	4.0	2	2	2	A107
	3.3	Habitat Mapping and Surveillance								
	3.3.1	Habitat Mapping and Surveillance								
108	3.3.1.1	Mapping of key habitat and breeding areas	1	5.98	5.98	6.0	0	0	0	A108
109	3.3.1.2	Formation of bird protection committees to monitor waterbird habitats	1	11.29	11.29	4.0	2	2	3.29	A109
110	3.3.1.3	Training of community to become bird guides	1	56.16	56	22.0	11	11	12	A110
	3.4	Maintaining habitat of migratory birds								
	3.4.1	Habitat conservation for migratory birds								
111	3.4.1.1	Mapping the bird congregation areas as per Zonal Plan	1	5	5	5.0	0	0	0	A111
112	3.4.1.2	Monitoring the anthropogenic disturbance of key habitats through surveillance	1	10.99	11	4.0	2	2	2.99	A112
113	3.4.1.3	Planting native fruit bearing trees in villages for terrestrial birds	5	5.06	25.31	10.1	5.06	5.06	5.06	A113
114	3.4.1.4	Conducting study to understand the drawdown area creation of bird habitats on wetland ecology	1	8	8	8.0	0	0	0	A114
115	3.4.1.5	Strengthening of village-based antipoaching committees by providing them ID cards and monetary incentives, and guidelines for monitoring and poaching	5	2	10	4.0	2	2	2	A115
116	3.4.1.6	Developing an SOP in cases of avian disease breakouts in the region and its institutionalization by authority	1	4.50	5	4.5	0	0	0	A116
117	3.4.1.7	Activities for habitat restoration and adaptive management	15	0.86	12.92	5.2	2.58	2.58	2.58	A117
118	3.4.1.8	Awareness workshops and festivals (annual Gokul Jalashay bird festival) on waterbird conservation	2	7.69	15.38	7.7	0	7.69	0	A118
	3.5	Invasive species management								
	3.5.1	Management of invasive species								
119	3.5.1.1	Site survey for identification of areas with high presence of invasive species	1	12.64	12.64	12.6	0	0	0	A119
120	3.5.1.2	Development of maps indicating areas requiring interventions for invasion control	1	5.98	5.98	6.0	0	0	0	A120
121	3.5.1.3	Alternative uses of invasive macrophytes in manure, handicrafts products development	4	29.85	119.40	29.9	29.85	29.85	29.85	A121
122	3.5.1.4	Study on the possibilities on biological control of macrophytes invasion by introducing carps	1	40	40	0.0	40	0	0	A122
	3.6	Maintaining fish diversity and check invasive fish species								
	3.6.1	Maintaining fish diversity in the wetland complex								
123	3.6.1.1	Prohibit illegal fishing	1	108.50	108.50	35.0	45	28.50	0	A123
	3.7	Protect breeding sites of wetland dependent birds								
	3.7.1	Protection of breeding sites of waterbirds								
124	3.7.1.1	Identify bird breeding areas	1	12.79	12.79	10.0	2.79	0	0	A124
125	3.7.1.3	Awareness workshop on waterbird conservation	1	26.02	26.02	10.0	5	5	6.02	A125
	3.8	Check macrophyte growth in wetland								
	3.8.1	check macrophytes growth near wetland inlets								
126	3.8.1.1	Conduct water quality tests for invasive macrophyte growth	15	0.354	5.31	2.1	1.1	1.1	1.1	A126
127	3.8.1.2	Periodic monitoring of invasive macrophytes growth	15	0.5	7.50	3.0	1.5	1.5	1.5	A127
	3.9	Establishing centres for veterinary care, shelter and preparedness for wildlife during and after extreme events								
	3.9.1	Veterinary support								
128	3.9.1.1	Construction of one veterinary shelter for care and shelter wildlife during and post disasters	1	33.08	33.08	0.0	33.08	0	0	A128
129	3.9.1.2	Maintenance of veterinary centre	2	5	10	0.0	0	5	5	A129
	3.10	Disease Control								
	3.10.1	Disease control								
130	3.10.1.1	Develop an SOP for handling avian diseases episodes	1	2	2	2.0	0	0	0	A130
131	3.10.1.2	Conduct workshops to spread awareness on avian diseases and their controls	2	0.50	1	0.0	0.00	0.50	0.50	A131
132	3.10.1.3	Undertake safety protocols to control spread of zoonotic diseases like isolation of affected individual and clearing debris	1	4.40	4.40	4.4	0	0	0	A132
133	3.10.1.4	Purchase of ATVs for surveillance at Gayghat, Chakki, Baluaon, Suiya and Dhamwal villages	4	0.81	3.22	3.2	0	0	0	A133
134	3.10.1.5	Purchase of kits to undertake animal/bird debris clearance	2	2	4	4.0	0	0	0	A134
	3.11	Communication and Education Facilities								
	3.11.1	Communication and Education Facilities to expand knowledge about wetland conservation								
135	3.11.1.1	Exhibitions	1	5	5	0.0	0	0	5	A135
136	3.11.1.2	Field excursions	1	5	5	0.0	0	0	5	A136
		Total -			686.04	251.7	204.93	125.75	103.70	
		Increase in wage rate and material cost for upcoming years			68.94	8.8	20.49	18.86	20.74	
		G. Total			754.98	260.5	225.42	144.61	124.44	

	Sl No	LIVELIHOOD	Qty/No.	Unit Rate	Total Amount	Year 2025-26	Year 2026-27	Year 2027-28	Year 2028-29	
	4.6	Eco-tourism								
	4.6.1	Development of tourism plan								
137	4.6.1.1	Preparation of a masterplan for community led ecotourism	1	5	5	5.0	0	0	0	A137
138	4.6.1.2	Training and recruitment of local tour guides (bird guides, boat ride, etc)	7	0.50	3.50	3.5	0.00	0	0	A138
	4.6.2	Infrastructure Development								
139	4.6.2.1	Eco-huts	3	31.64	94.93	31.6	63.28	0	0	A139
140	4.6.2.2	Construction of watchtowers	4	20.82	83.30	20.8	41.65	20.82	0.00	A140
141	4.6.2.3	Operationalize tenting platforms	1	59.38	59.38	29.4	30.00	0	0	A141
142	4.6.2.4	Board walk, cycling, nature trails	1	84.37	84.37	84.4	0.00	0	0	A142
143	4.6.2.6	Sheds, eateries	1	34.20	34.20	0.0	34.20	0	0.00	A143
144	4.6.2.7	Waste management - solid and wastewater - rainwater harvesting,	1	31.78	31.78	31.8	0	0	0	A144
145	4.6.2.8	Purchase and maintenance of tourism boats	1	20.00	20.00	10.0	10	0	0	A145
146	4.6.2.9	Souvenir shop	1	17.99	17.99	0.0	17.99	0	0.00	A146
148	4.6.2.11	Training for the ecotourism guides	15	0.50	7.50	2.0	2.00	2.00	1.50	A148
148A		Fencing and Maintenance of Ecotourism Campus	1	105.02	105.02	80.1	8.30	8.30	8.30	A148A
	4.7	Infrastructure for education								
	4.7.1	Development of tourism plan								
149	4.7.1.1	Identify suitable location for interpretation centre	1	3	3	3.0	0	0	0	A149
150	4.7.1.2	Design, Planning and estimates of Ecotourism Zone	1	5	5	5.0	0	0	0	A150
151	4.7.1.3	Establishment of a Wetland interpretation center	1	110.64	110.64	0.0	110.64	0	0	A151
152	4.7.1.4	Purchase of binoculars, lifejackets and field identifications/guidebooks for wetland mitras	1	18	18	18.0	0	0	0	A152
153	4.7.1.6	Exposure visits to aquire knowlege of ecotourim	2	5	10	5.0	5	0	0	A153
	4.8	Community Infrastructure								
	4.8.2	Safe drinking water facilities								
154	4.8.2.1	Arsenic filters installation	8	5	40	20.0	20	0	0	A154
		Total -			733.64	349.61	343.07	31.13	9.80	
		Increase in wage rate and material cost for upcoming years			58.36	17.46	34.31	4.67	1.96	
		G. Total			792.01	367.07	377.38	35.80	11.76	
		Grand Total for 4-Year Plan			3248.3	1553.1	1167.6	323.9	203.8	

1	A number of estimates are based on ocular calculations . Actual estimates can be prepared only based on the outcome of the studies proposed in the project.i.e. weed removal study and bathymetry study for exact area of weed removal and dredging respectively, geotechnical study for broken embankment repair and user group studies to determine entry point activities.
2	Ecotourism and building estimates may be subject to change and redesign based on the availability of space as land allocation is yet to be done from district administration.
3	5% annual increment is added to the project cost to account for the increment in wages and materials rate as all estimates are prepared on current wage rate and quotation.

[Signature]
 DIVISIONAL FOREST OFFICER
 BHOJPUR FOREST DIVISION, ARA

Forwarded
[Signature]
 Conservator of Forests
 Patna Circle, Patna

Technical Approval is accorded on summary of Schemes for
 Rs. 32,48,30,000 ₹ (Thirty Two Crore forty Eight Lakh Thirty Thousand Only).

[Signature]
 Regional Chief Conservator of Forests
 Patna.