

Annual Work Plan 2013 as part of the CCPAP

United Nations Development Programme Pakistan

**Project Title:** Barrier Removal to the cost effective development & implementation of Energy efficiency Standards & Labelling (BRESL)

**UNDAF Outcome(s):** Industrial development, both urban and rural, emphasizing SME/ small and medium industry development, and sustainable energy supply and use at affordable cost.

**Expected CP Outcome(s):** Industrial development, both urban and rural, emphasizing SME/ small and medium industry development, and sustainable energy supply and use at affordable cost. Reduce GHG emissions through Improvement and produce Energy Efficiency Home Appliances Standards and Labels for the six targeted home appliances i.e. Fans, CFLs, Ballasts, Motors, Refrigerators and Air-conditioners

**Expected Output(s):**  
 1) Adoption of Energy Efficiency Testing Protocols for 6 targeted appliances  
 2) Formulation of MEPS (Minimum Energy Performance Standards) for 6 targeted appliances  
 3) ES&L Policy Making Program  
 4) Formulation and Implementation of Labelling Regime  
 5) Regional Cooperation & Harmonization of ES&L ENERCON (Ministry of Water & Power, Government of Pakistan)

**Responsible Parties:** BRESL is aimed at rapidly accelerating the adoption and implementation of energy standards and labels (ES&L) in Asia, and in so doing bring about energy savings from the use of energy efficient appliances/equipment.

<p><b>Programme Period:</b> 2013-2017</p> <p><b>Key Result Area (Strategic Plan):*</b> Barrier Removal to the cost effective development &amp; implementation of Energy efficiency Standards</p> <p><b>Atlas Award ID:</b> 00058717</p> <p><b>Atlas Project ID:</b> 00071989</p> <p><b>Start date:</b> January 2010</p> <p><b>End Date:</b> December 2014</p> <p><b>PSC Meeting Date:</b> 18 January 2013</p> <p><b>Management Arrangements:</b> NIM</p>	<p><b>2013 AWP budget:</b></p> <p>Total resources required: USD 192,000</p> <p>Total allocated resources: USD 650,000</p> <p>Regular</p> <p>Other:</p> <p>GEF: USD 650,000</p> <p>Unfunded budget: _____</p> <p>In-kind Contributions: _____</p>
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Agreed by [Implementing Partner - NPD]: \_\_\_\_\_

Agreed by UNDP (CD / DCD-P): \_\_\_\_\_



## ANNUAL WORK PLAN

**Year: 2013**

EXPECTED OUTPUTS <i>And baseline, associated indicators and annual targets</i>	PLANNED ACTIVITIES <i>List activity results and associated actions</i>	TIMEFRAME				RESPONSIB LE PARTY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Funding Source	Budget Description	Amount
<p><b>Output 1:</b> <i>ES&amp;L<sup>1</sup> Policy making program provides a legal basis for prescribing and enforcing energy efficiency (EE) standards and labelling regime</i></p> <p><b>Baseline:</b> Currently, no ES&amp;L Policy/ Regulations exist</p> <p><b>Indicators:</b> Development/establishment of ES&amp;L Regime.</p> <p><b>Targets:</b> Adoption of ES&amp;L Regime</p> <p><b>Related CP Outcome:</b> Energy efficiency enhancement and reduction in Green House Gas (GHG) emissions</p>	<p>Strengthening of the Policy Context for Energy Standards &amp; Labels</p> <ul style="list-style-type: none"> <li>- Stakeholders' consultation for development and finalization of policy recommendations.</li> <li>- Launch of ES&amp;L protocols at national level.</li> </ul>	x	x	x	x	ENERCON	GEF	Learning cost, Service contract Ind, Travel, Sub-contracts, Audio vdo products	17,500
	<p>2. Adoption &amp; Implementation of Energy Standards and Labelling Regulations</p> <ul style="list-style-type: none"> <li>- Launch of ES&amp;L voluntary regime by the Government.</li> <li>- Development of incentive mechanism for the manufacturers.</li> </ul>	x	x	x	x	ENERCON	GEF	Service contract Ind	40,815

<sup>1</sup> ES&L = Energy Standards and Labeling

EXPECTED OUTPUTS <i>And baseline, associated indicators and annual targets</i>	PLANNED ACTIVITIES <i>List activity results and associated actions</i>	TIMEFRAME				RESPONSIB LE PARTY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Funding Source	Budget Description	Amount
<p><b>Output 2:</b> <i>To facilitate awareness and implementation of ES&amp;L Regime and to enhance the support mechanism</i></p> <p><b>Baseline:</b> Non-availability of trained personnel; absence of energy efficiency (EE) testing protocols, minimum energy performance standards (MEPS) and labelling policy; and limited availability of accredited EE testing facilities in the country</p> <p><b>Indicators:</b> Identification/ selection of appropriate EE testing protocols, development of MEPS, and support for strengthening/ up-gradation/ creation of accredited EE testing facilities</p> <p><b>Targets:</b> Adoption of EE testing protocols, MEPS and labelling policy for six targeted appliances</p> <p><b>Related CP outcome:</b> Availability/ implementation of labelling policy</p>	Training to Strengthen & Enable Public Institutions to Support Development & Implementation of ES&L Programs. <ul style="list-style-type: none"> <li>- Workshops for stakeholders</li> <li>- Liaison with manufacturers' association</li> <li>- Finalization and implementation of sectoral policy through fan working group</li> </ul>	x	x	x	x	ENERCON	GEF	Learning cost	10,000
	2. Capacity Enhancement in the Development & Implementation of Standards & Labelling for the 6 Targeted Products <ul style="list-style-type: none"> <li>- Conduct sensitization workshops for the manufacturers of targeted appliances.</li> </ul>	x	x	x	x	ENERCON	GEF	Service contract Ind	29,943
	3. Strengthening of National & Regional Testing and Certification Infrastructure <ul style="list-style-type: none"> <li>- Involvement of PCSIR and PSQCA in regional harmonization for testing and certification</li> </ul>	x	x	x	x	ENERCON	GEF	Travel	2,500

EXPECTED OUTPUTS <i>And baseline, associated indicators and annual targets</i>	PLANNED ACTIVITIES <i>List activity results and associated actions</i>	TIMEFRAME				RESPONSIB LE PARTY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Funding Source	Budget Description	Amount
	4.Strengthening of Data Collection and Reporting Procedures on Equipment Availability and Sales by Efficiency Level in Participating Countries - Developing methods for improvements in the data collection and reporting procedures.		x	x	x	ENERCON	GEF	Sub-contracts, Audio vdo products	5,000
<b>Output 3:</b> <i>To put in place manufacturers support program with reference to the six BRESL targeted appliances</i> <b>Baseline:</b> Lack of awareness and non-willingness amongst manufacturers to switch to internationally preferred ES&L Regime <b>Indicators:</b> Acceptance/ adoption of labelling policy by manufacturers <b>Targets:</b> Seeking grant of EE labels by manufacturers for their products <b>Related CP outcome:</b> Availability of EE labelled products in the country	1. Product Technical Analysis and Reports - Review and analysis of test reports.	x	x	x	x	ENERCON	GEF	Learning cost	6,000
	2. Educational Workshops for Manufacturers & Retailers on Impacts of Standards / Ways to Work with Standards to Increase Profitability	x	x	x	x	ENERCON	GEF	Service contract Ind	15,152
	3.Technical assistance to address marketing/ financial barriers for the manufacturing of equipment and appliances for improving their energy efficiency. - Experts to conduct detailed analysis and propose ways to address barriers.	x	x	x	x	ENERCON	GEF	Learning cost, Service contract Ind, Travel, Sub-contracts, Audio vdo products	7,500

EXPECTED OUTPUTS <i>And baseline, associated indicators and annual targets</i>	PLANNED ACTIVITIES <i>List activity results and associated actions</i>	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Funding Source	Budget Description	Amount
<p><b>Output 4:</b> <i>Development/ updating of a regional website and sharing of reports</i></p> <p><b>Baseline:</b> Insufficient harmonization of ES&amp;L Regime amongst BRESL regional participating countries</p> <p><b>Indicators:</b> Harmonization of ES&amp;L Regime amongst BRESL regional participating countries.</p> <p><b>Targets:</b> Enhanced harmonization through RPMU</p> <p><b>Related CP outcome:</b> Availability of harmonized EE testing protocols, MEPS and labelling procedures; and removal of barriers to trans-border trade of targeted products</p>	1. Project Web-site maintenance and updating	x	x	x	x	ENERCON	GEF	Connectivity charges	500
	2. Lessons Learnt Reports - Best practices from participating regional countries shared with manufacturers and stakeholders in Pakistan.			x	x	ENERCON	GEF	Publications	1,000
	3. Regional Efficiency Standards and Labelling Network - Participation in the regional energy standards testing and labelling network established by RPMU.			x	x	ENERCON	GEF	Sub contracts	400
	4. Regional ES&L Harmonization Initiative. - Participation in the regional harmonization launched by RPMU by sharing the best practices at the country level.		x	x		ENERCON	GEF	Travel	2,500

EXPECTED OUTPUTS <i>And baseline, associated indicators and annual targets</i>	PLANNED ACTIVITIES <i>List activity results and associated actions</i>	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Funding Source	Budget Description	Amount
	5. Preparation of a Plan for Regional Activities and Coordination after the GEF Funded Project Ends - Development of sustainability plan of the project activities by RPMU.			X	X	ENERCON	GEF	Meetings	100
<b>Output 5:</b> <i>Pilot projects to create awareness among consumers</i> <b>Baseline:</b> Absence of awareness amongst ES&L stakeholders <b>Indicators:</b> Market transformation towards increasing demand of EE labelled products <b>Targets:</b> Increasing availability of EE labelled products <b>Related CP outcome:</b> Enhanced awareness amongst EE stakeholders and positive market transformation towards EE labelled products	Development of Consumer Education Schemes  - Workshops for consumer sensitization. - Development of promotion material for consumer sensitized behaviour.	X	X	X	X	ENERCON	GEF	Audio vdo products	21,000
<b>Output 6:</b> <i>Operation and maintenance of Project Management Office</i>	Operation & Maintenance of Project Management Office	X	X	X	X	ENERCON	GEF	Service contract Ind, Travel, Equipment, Furniture, Communication, Audio vdo products	32,090
<b>TOTAL</b>									<b>192,000</b>



### III. PROCUREMENT PLAN YEAR (2013)

**Project Name:** BRESL  
**Project Number:** 00071989

**Procurement Plan No:**  
**Procurement Plan Revision No:**

S.No	Description	Type of Supply (Goods, Services, Works)	Est. Contract Amount (USD)	Responsible party	Focal point	Issue of Expression of Interest (EOI) /Notification					Evaluation of Proposals			Committee Review/Approval				Contract Issuance		
						Date	Notice Period (days)	UNDP Web	IAPSO*	Local Paper	IP website	Single Stage	Two stage	Two stage with Combined Weights	CAP Members receive submission	CAP Meeting Date	Submission to ACP	ACP's /CPO s approval	Start date	End date
1.	Laptop	Goods	750	BRESL/ ENERCON	NPC															QTR - I
2.	Laptop	Goods	750	BRESL/ ENERCON	NPC															QTR - I
3.	Scanner	Goods	100	BRESL/ ENERCON	NPC															QTR - I
4.	Procurement of stationery items	Goods	1,600	BRESL/ ENERCON	NPC															All Qtrs
5.	Provision of services for event management for upcoming BRESL project workshop for "Launching of energy labeling policy"	Services	5,000	BRESL/ ENERCON	NPC															On fixation of date of workshop

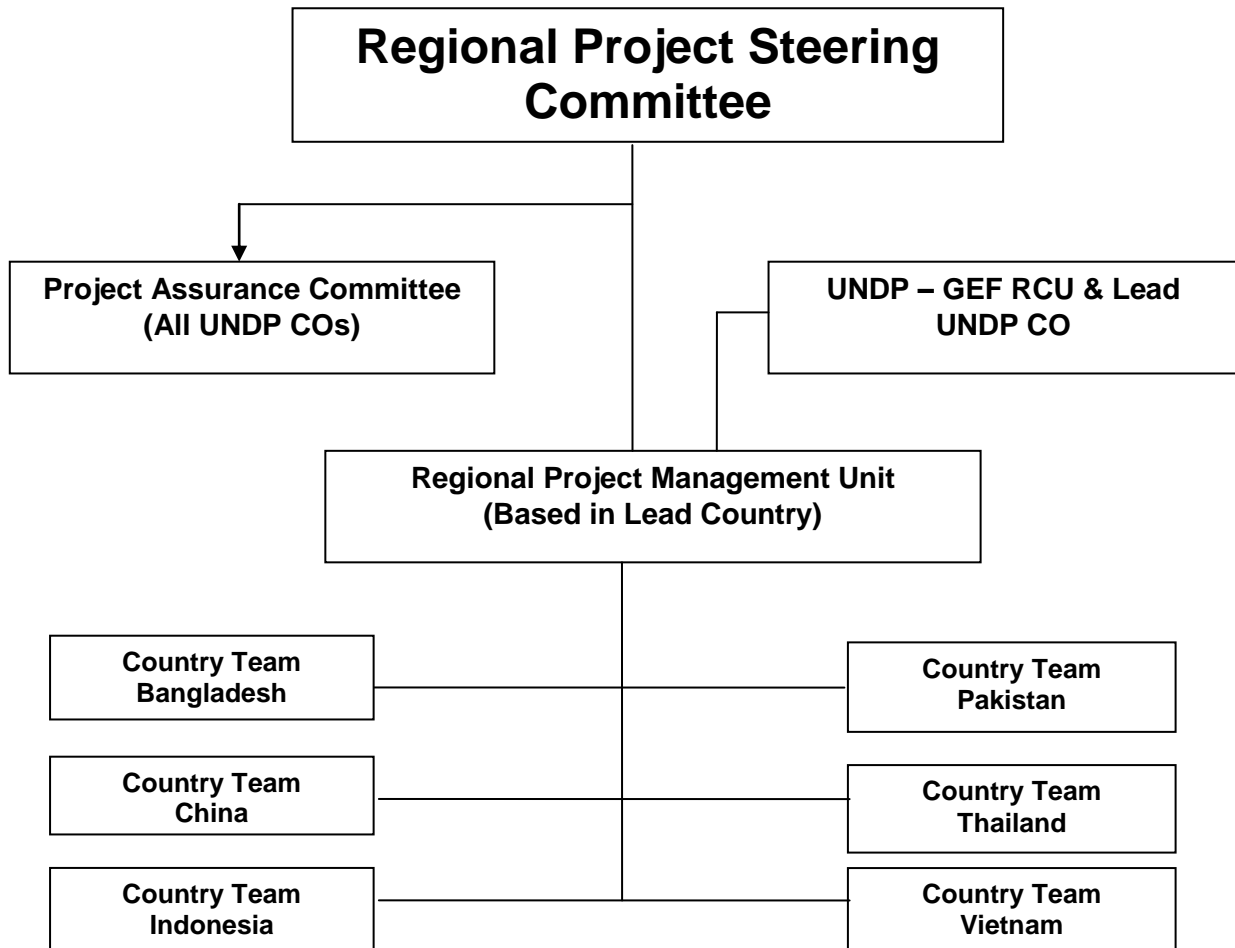
\*Inter agency procurement support office



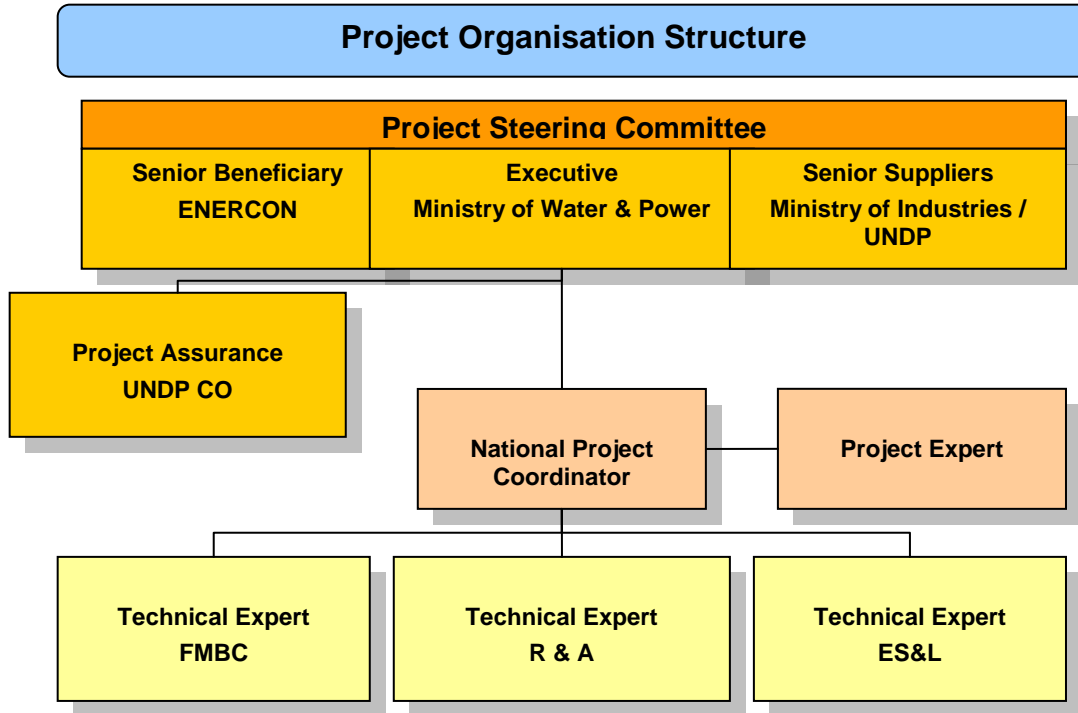
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## IV. MANAGEMENT ARRANGEMENTS

### Management Arrangements at Regional Level



## Management Arrangements at Pakistan Country Level



## V. MONITORING FRAMEWORK AND EVALUATION

Type of Action	Stakeholders	Due by	Completed on	Status
ANNUAL REVIEW	UNDP/GEF/ ENERCON/ BRESL	1 <sup>st</sup> Quarter 2013	–	–
ANNUAL RPT(PIR)	UNDP/GEF/ ENERCON/ BRESL	December 2013	–	–
AUDIT	UNDP	–	–	–
FINAL EVAL	UNDP	Dec 2014	NA	NA
MID TERM EVAL	RPMU China	2012	2012	Completed (Report Awaited)
MONITOR VISIT	UNDP	1 <sup>st</sup> Quarter 2013	–	–
RPT-PUBLICATION	–	–	–	–
Work plan	Project Steering Committee	Annually	January 2013	Approved
Workshop	ENERCON/BRESL	1 <sup>st</sup> Quarter 2013	Due	Under Process

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## VI. LEGAL CONTEXT

The United Nations Development Program and the Government of Pakistan (through ENERCON) entered into an Agreement in July, 2009 with a view to:

1. Improve and produce Energy Efficient Home Appliances
2. Set Standards and Labels for the six targeted home appliances i.e. Fans, CFLs, Ballasts, Motors, Refrigerators and Air-conditioners.

### **Alternative A [where the Implementing Partner is a government agency (NIM) or an NGO/IGO]**

Consistent with the above Supplemental Provisions, the responsibility for the safety and security of the Implementing Partner and its personnel and property, and of UNDP's property in the Implementing Partner's custody, rests with the Implementing Partner. To this end, the Implementing Partner shall:

- a) put in place an appropriate security plan and maintain the security plan, taking into account the security situation in the country where the project is being carried;
- b) assume all risks and liabilities related to the Implementing Partner's security, and the full implementation of the security plan.

UNDP reserves the right to verify whether such a plan is in place, and to suggest modifications to the plan when necessary. Failure to maintain and implement an appropriate security plan as required hereunder shall be deemed a breach of the Implementing Partner's obligations under this Project Document [and the Project Cooperation Agreement between UNDP and the Implementing Partner]<sup>2</sup>.

The Implementing Partner agrees to undertake all reasonable efforts to ensure that none of the UNDP funds received pursuant to the Project Document are used to provide support to individuals or entities associated with terrorism and that the recipients of any amounts provided by UNDP hereunder do not appear on the list maintained by the Security Council Committee established pursuant to resolution 1267 (1999). The list can be accessed via [http://www.un.org/sc/committees/1267/aq\\_sanctions\\_list.shtml](http://www.un.org/sc/committees/1267/aq_sanctions_list.shtml). This provision must be included in all sub-contracts or sub-agreements entered into under/further to this Project Document.

## ANNEXES

**Risk Analysis:** Off Line Risk Log is attached

**Terms of Reference:** TOR for key project personnel should be developed and attached

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<sup>2</sup> Use bracketed text only when IP is an NGO/IGO

## OFFLINE RISK LOG

(see [Deliverable Description](#) for the Risk Log regarding its purpose and use)

Project Title: BRESL				Award ID: 00058717			Date:		
#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Mngt response	Owner	Submitted, updated by	Last Update	Status
	Enter a brief description of the risk  <i>(In Atlas, use the Description field. Note: This field cannot be modified after first data entry)</i>	When was the risk first identified  <i>(In Atlas, select date. Note: date cannot be modified after initial entry)</i>	Environmental Financial Operational Organizational Political Regulatory Strategic Other Subcategories for each risk type should be consulted to understand each risk type (see Deliverable Description for more information)  <i>(In Atlas, select from list)</i>	Describe the potential effect on the project if this risk were to occur  Enter probability on a scale from 1 (low) to 5 (high) P =  Enter impact on a scale from 1 (low) to 5 (high) I =  <i>(in Atlas, use the Management Response box. Check "critical" if the impact and probability are high)</i>	What actions have been taken/will be taken to counter this risk  <i>(in Atlas, use the Management Response box. This field can be modified at any time. Create separate boxes as necessary using "+", for instance to record updates at different times)</i>	Who has been appointed to keep an eye on this risk  <i>(in Atlas, use the Management Response box)</i>	Who submitted the risk  <i>(In Atlas, automatically recorded)</i>	When was the status of the risk last checked  <i>(In Atlas, automatically recorded)</i>	e.g. dead, reducing, increasing, no change  <i>(in Atlas, use the Management Response box)</i>
1	Lack of government's commitment to support EE standards and labels	2012	Political	May prevent the project from delivering on its objectives  P= 3 I =5	PEEC Bill and Summary for the Cabinet for strengthening ES&L Policy is under processing with M/o Water & Power.	ENERCON/BRESL	ENERCON/BRESL		• Under processing
2	In sufficient support from relevant line departments	2012	Political	Standardization and labelling of targeted appliances would require support from	These documents clearly assign roles/responsibilities to	ENERCON/BRESL	ENERCON/BRESL		• Under processing

				related research institutions in testing mechanisms. P= 3 I =3	the institutions and will strengthen institutional agreements within government and private sectors.				
3	Unfavourable investment climate for EE standards and labels by private sector.	2012	Financial	Risk is closely connected with interest level of the private industries and the level of awareness among the masses. P= 4 I =5	Awareness is planned to be created amongst consumers, manufactures and suppliers after adoption of MEPS and adoption of labelling policy.	ENERCON/ BRESL	ENERCON/ BRESL		<ul style="list-style-type: none"> <li>• MEPS have been developed/ adopted</li> <li>• Labelling procedure is being launched in 1<sup>st</sup> Quarter 2013, which will be followed by vigorous awareness campaign.</li> </ul>
4	Security situation remains unfavourable	2012	Political	Security situation may impede project progress in terms of approaching the partners. P= 5 I =3	Inter action with partners outside the country through frequent / enhanced electronic communication.	ENERCON/ BRESL	ENERCON/ BRESL		<ul style="list-style-type: none"> <li>• Being done</li> </ul>
5	Lack of support of Fan Manufacturers in implementation of EE standards and labels	2012	Political Financial	Risk is closely connected with the level of awareness among the industry/ masses. P= 4 I =5	Awareness is planned to be created amongst consumers, manufactures and suppliers	ENERCON/ BRESL	ENERCON/ BRESL		<ul style="list-style-type: none"> <li>• Consultative meetings with manufacturers, their associations and universities/</li> </ul>

									<p>academia being undertaken.</p> <ul style="list-style-type: none"> <li>• Working Group for Fans, consisting of public and private sector representatives, formed to devise the strategy for adoption/ implementation of the regime in fan sector</li> <li>• Awareness campaign through electronic/ print media started. Will be followed more vigorously after launch of labelling policy.</li> </ul>
6	Insufficient accredited EE Testing facilities in respect of BRESL Products, particularly for Motors and Cooling Appliances	2012	Financial	Barrier in implementation of ES&L regime P= 4 I =5	Consultative meetings with manufacturers, their associations and universities/ academia for establishment of accredited facilities	ENERCON/ BRE ENERCON/ BRESLSL	ENERCON/ BRESL		<ul style="list-style-type: none"> <li>• PC 1 floated by PCSIR for upgradation of their facilities.</li> <li>• EDB and PCSIR have ensured their support for Fan</li> </ul>

									Development Institute, Gujrat • PCSIR has been persuaded to opt to participate in EE comparison tests of typical product, being arranged by RPMU, China
7	Lack of public awareness on use of Energy Efficient Appliances	2012	Other	Barrier in implementation of ES&L regime P= 5 I =5	Mass awareness campaigns through print and electronic media	ENERCON/ BRESL	ENERCON/ BRESL		• Being done regularly



## National Project Coordinator

Job Category:	Specialists
Career Level:	SC-9
Job Type:	Service Contract
Positions:	1
Agency / Project:	BRESL Project
City/Location:	Islamabad
Country:	Pakistan
Posted On:	08 May, 2011
Last Date to apply:	30 June, 2011
Experience:	At least 10 years of professional experience in the field of Project Management related to Energy Efficiency and Energy Conservation projects.

### Description:

- The NPC will work under the direct supervision of the National Project Director (NPD)
- Day to day management of the project in the light of project document and also the prescribed UNDP procedures
- Selection, recruitment and supervision of project administrative support staff
- Preparation and revision of the project work plans, budgets and financial plans Organization and management of project activities according to work plan in order to produce the outputs Coordination and supervision of project technical personnel
- Work in close collaboration with UNDP Country office for the tasks mentioned above
- Timely preparation and submission of project progress and financial reports to the UNDP country office
- Visit the project related activities from time to time and update the project plans accordingly
- Follow-up with the audit of the project
- Coordinate with the relevant government and civil society organizations in relation to the project activities
- Any other task assigned
- Reporting to NPD on a regular basis

### Education

Must	Degree	Degree Level	Country	Description
	Master	Masters Degree		Master Degree in Environment and Energy related Discipline/ Engineering/ Development/Management preferably with strong experience in Energy Efficiency and Energy Conservation

### Skills

Must	Title	Level	Description
	Communication	Good	A good working knowledge of all the public and relevant departments working in energy /energy efficiency in different sectors. Coordinate well with the government and private stakeholders. Fully conversant of using Ms Project Software and its implementation. Manage the project independently by involving all the stakeholders and also defining roles and responsibilities. As this project would involve a range of diverse sectors, a quick decision making and strong technical knowledge is required.

## Project Expert

Job Category:	Programme Management
Career Level:	SC-7
Job Type:	Service Contract
Positions:	1
Agency / Project:	BRESL Project
City/Location:	Islamabad
Country:	Pakistan
Posted On:	08 May, 2011
Last Date to apply:	30 June, 2011
Experience:	At least 5 years of relevant experience.

### Description:

- Operational management of the BRESL project activities according to the project document and the procedures;
- Provide technical support for the project activities ;
- Organization and management of project activities according to the work plan in order to produce the outputs
- Leading all Regional activities and liaison with (RPMU) and other member countries under BRESL for fans related activities.
- Timely preparation and submission of the Technical and Annual Reports according to the timelines.
- Coordinate the tasks assigned to technical experts
- Reporting to NPC & NPD on a regular basis
- Managing consulting assignments and ensuring successful execution of work assignments
- Providing assistance and guidance to Regional Countries (under BRESL) and monitor their progress related to fans
- Identification and resolution of implementation problems in the regional countries and provide solution for the same

## Education

Must	Degree	Degree Level	Country	Description
	Bachelor	Bachelors Degree (4 Years)		Bachelors in engineering preferably electrical, mechanical, energy/environment with at least 5 – 8 years of relevant experience in design, manufacturing and maintenance of relative products; Familiar with EE testing procedures and standards of relative products.

## Skills

Must	Title	Level	Description
	Communication	Good	<ul style="list-style-type: none"> <li>• A good working knowledge of all the public and relevant departments working in energy /energy efficiency in different sectors. Should be able to coordinate well with the government and private stakeholders.</li> <li>• Should be able to manage the project independently by involving all the stakeholders. Further should be able to demonstrate a quick decision making and strong technical knowledge.</li> <li>• The candidate should be a good team worker capable of handling the team dynamics and also resolving issues.</li> <li>• The work would involve meeting short deadlines so the capability of handling pressures calmly is required.</li> <li>• Person should possess good communication and interpersonal skills</li> </ul>

## Technical Expert (Motors)

Job Category:	Specialists
Career Level:	SC-7
Job Type:	Service Contract
Positions:	1
Agency / Project:	BRESL Project
City/Location:	Islamabad
Country:	Pakistan
Posted On:	08 May, 2011
Last Date to apply:	30 June, 2011
Experience:	At least 5-8 years of relevant experience design, manufacturing and maintenance of relative products; Familiar with EE testing procedures and standards of relative products.

### Description:

- Provide current status on EE testing procedures, standards and labeling programmes in motor industry
- Conduct feasibility studies on his country's participation in the regional cooperation and harmonization on EE standards and labeling programmes
- Participate in the development of the ES&L cooperation and harmonization regional implementing scheme and road
- Participate in the development of EE testing procedures, standards and labeling programmes in line with approved work plans and implementing scheme
- Participate in relative meetings as required with RPMU support
- Timely preparation and submission of the Technical and Annual Reports according to the timelines
- Managing consulting assignments and ensuring successful execution of work assignments
- Providing assistance and guidance to Regional Countries and monitor their progress
- Any other technical tasks which may be assigned from time to time.

## Education

Must	Degree	Degree Level	Country	Description
	Bachelor	Bachelors Degree (4 Years)		Bachelors in engineering preferably electrical, mechanical, energy/environment with at least 5 – 8 years of relevant experience in design, manufacturing and maintenance of relative products; Familiar with EE testing procedures and standards of relative products.

## Technical Expert (Energy Standards & Labeling)

Job Category:	Technicians
Career Level:	SC-7
Job Type:	Service Contract
Positions:	1
Agency / Project:	BRESL Project
City/Location:	Islamabad
Country:	Pakistan
Posted On:	25 October, 2011
Last Date to apply:	07 November, 2011
Experience:	At least 5-8 years of relevant experience design, manufacturing and maintenance of relative products; Familiar with EE testing procedures and standards of relative products.

### Description:

The Technical Expert will work under the direct supervision of National Project Coordinator and will have the following responsibilities • To work on the development of energy efficiency standards and labels for the targeted energy consuming products in the country • To work on the development of energy efficiency testing protocols for the targeted domestic appliances, in coordination with PSQCA , PCSIR and other relevant stakeholders • To develop system for granting and monitoring of energy labels, to be used on energy consuming products, targeted under BRESL Project, in Pakistan • To develop plans/programmes for awareness on energy efficiency among manufacturers, retailers and general public consumers • To work in close collaboration with PE and TEs on matters relating to ES&L Programme. • To work in close coordination with TWG regional experts/consultants for harmonization of Energy efficiency standards, testing protocols and labels among BRESL partner countries • To coordinate the work of TEs relating to ES&L programme in respect of targeted products • To participate in national and regional level meetings of the Project relating to development/implementation of ES&L Programme, in the country

### Education

Must	Degree	Degree Level	Country	Description
	Bachelors Degree	Bachelors Degree (4 Years)		Bachelors in engineering/ Masters in physics or electronics or energy/environment with at least 5 - 8 years of relevant experience in design, manufacturing and maintenance of relative products; Familiar with EE testing procedures and standards of relative products.

### Skills

Must	Title	Level	Description
	Communication	Excellent	A good working knowledge of all the public and relevant departments working in energy /energy efficiency in different sectors. Should be able to coordinate well with the government and private stakeholders. Should be able to manage the project independently by involving all the stakeholders. Further should be able to demonstrate a quick decision making and strong technical knowledge. The candidate should be a good team worker capable of handling the team dynamics and also resolving issues. The work would involve meeting short deadlines so the capability of handling pressures calmly is required. Person should possess good communication and interpersonal skills